Volume XCVI July–December, 1949

THE NATIONAL GEOGRAPHIC MAGAZINE

INDEX

July-December, 1949

VOLUME XCVI

PUBLISHED BY THE
NATIONAL GEOGRAPHIC SOCIETY
WASHINGTON, D. C.

$5.00 A YEAR

COPYRIGHT 1950

NATIONAL GEOGRAPHIC SOCIETY

GEOGRAPHIC ADMINISTRATION BUILDING
SIXTEENTH AND M STREETS NORTHWEST, WASHINGTON 6, D. C.

GILBERT GROSVENOR, President
ROBERT V. FLEMING, Treasurer
HERBERT A. POOLE, Assistant Treasurer
LYMAN J. BRIGGS, Chairman, Research Committee
ALEXANDER WETMORE, Vice-Chairman, Research Committee
JOHN OLIVER LA GORCE, Vice-President
THOMAS W. McKNEW, Secretary
VERNON H. BREWSTER, Assistant Secretary
MELVIN M. PAYNE, Assistant Secretary
KURTZ M. HANSON, Assistant Secretary

EXECUTIVE STAFF OF THE NATIONAL GEOGRAPHIC MAGAZINE

GILBERT GROSVENOR, EDITOR

JOHN OLIVER LA GORCE, Associate Editor

J. R. HILDEBRAND
Assistant Editor

MELVILLE BELL GROSVENOR
Assistant Editor

JAMES M. DARLEY
Chief Cartographer

NEWMAN BUMSTEAD
Research Cartographer

CHARLES E. RIDDIFORD
Cartographic Staff

WELLMAN CHAMBERLIN
Cartographic Staff

RAYMOND W. WELCH
Director of Advertising

GILBERT G. LA GORCE
Assistant Director of Advertising

FREDERICK SIMPICH
Assistant Editor

LEO A. BORAH
Editorial Staff

FREDERICK G. VOSBURGH
Editorial Staff

LEONARD C. ROY
Chief of School Service

WILLIAM H. NICHOLAS
Editorial Staff

F. BARROWS COLTON
Editorial Staff

INEZ B. RYAN
Research Assistant

GEORGE CROSSETTE
Research Assistant

WILLIAM A. KINNEY
Chief News Bulletin Service

FRANKLIN L. FISHER
Chief Illustrations Division

MAYNARD OWEN WILLIAMS
Chief Foreign Editorial Staff

W. ROBERT MOORE
Foreign Editorial Staff

LUIS MARDEN
Foreign Editorial Staff

EDWIN L. WISHERD
Chief Photographic Laboratory

WALTER MEAYERS EDWARDS
Illustrations Division

KIP ROSS
Illustrations Division

MASON SUTHERLAND
Editorial Staff

BOARD OF TRUSTEES

GEORGE C. MARSHALL
General of the Army, Retired.
President, American Red Cross

WALTER S. GIFFORD
Chairman of the Board American Telephone and Telegraph Co.

WILLIAM V. PRATT
Admiral U. S. Navy, Retired

LYMAN J. BRIGGS
Director National Bureau of Standards, Retired

ELISHA HANSON
Lawyer and Naturalist

EMORY S. LAND
Vice Admiral Construction Corps, U. S. Navy, Retired; President, Air Transport Association

GEORGE R. PUTNAM
Commissioner of Lighthouses, Retired

FRANKLIN L. FISHER
Chief Illustrations Division, National Geographic Magazine

ROBERT V. FLEMING
President and Chairman of the Board, Riggs National Bank

CHARLES F. KETTERING
Consultant and Director, General Motors Corporation

LEROY A. LINCOLN
President Metropolitan Life Insurance Company

JUAN T. TRIPPE
President Pan American Airways

DAVID FAIRCHILD
Special Agricultural Explorer, U. S. Department of Agriculture

ALEXANDER WETMORE
Secretary Smithsonian Institution

GILBERT GROSVENOR
Editor of National Geographic Magazine

MELVILLE BELL GROSVENOR
Assistant Editor, National Geographic Magazine

H. H. ARNOLD
General of the Air Force, Retired

CHARLES G. DAWES
Formerly Vice-President of the United States

LLOYD B. WILSON
Formerly Chairman of the Board Chesapeake and Potomac Telephone Companies

L. O. COLBERT
Rear Admiral, Director U. S. Coast and Geodetic Survey

ERNEST E. NORRIS
President Southern Railway System

JOHN OLIVER LA GORCE
Associate Editor of the National Geographic Magazine

J. R. HILDEBRAND
Assistant Editor, National Geographic Magazine

THOMAS W. McKNEW
Secretary, National Geographic Society

ORGANIZED FOR "THE INCREASE AND DIFFUSION OF GEOGRAPHIC KNOWLEDGE"

To carry out the purposes for which it was founded sixty-one years ago, the National Geographic Society publishes the National Geographic Magazine monthly. All receipts are invested in The Magazine itself or expended directly to promote geographic knowledge.

Articles and photographs are desired. For material The Magazine uses, generous remuneration is made.

In addition to the editorial and photographic surveys constantly being made, The Society has sponsored more than 100 scientific expeditions, some of which required years of field work to achieve their objectives.

The Society's notable expeditions have pushed back the historic horizons of the southwestern United States to a period nearly eight centuries before Columbus crossed the Atlantic. By dating the ruins of the vast communal dwellings in that region, The Society's researches solved secrets that had puzzled historians for three hundred years.

In Mexico, The Society and the Smithsonian Institution, January 16, 1939, discovered the oldest work of man in the Americas for which we have a date. This slab of stone is engraved in Mayan characters with a date which means November 4, 291 B. C. (Spinden Correlation). It antedates by 200 years anything heretofore dated in America, and reveals a great center of early American culture, previously unknown.

On November 11, 1935, in a flight sponsored jointly by the National Geographic Society and the U. S. Army Air Corps, the world's largest balloon, *Explorer II*, ascended to the world altitude record of 72,395 feet. Capt. Albert W. Stevens and Capt. Orvil A. Anderson took aloft in the gondola nearly a ton of scientific instruments, and obtained results of extraordinary value.

The National Geographic Society-U. S. Army Air Forces Expedition, from a camp in southern Brazil, photographed and observed the solar eclipse of 1947. This was the seventh expedition of The Society to observe a total eclipse of the sun.

The Society cooperated with Dr. William Beebe in deep-sea explorations off Bermuda, during which a world record depth of 3,028 feet was attained.

The Society granted $25,000, and in addition $75,000 was given by individual members, to the Government when the congressional appropriation for the purpose was insufficient, and the finest of the giant sequoia trees in the Giant Forest of Sequoia National Park of California were thereby saved for the American people.

One of the world's largest icefields and glacial systems outside the polar regions was discovered in Alaska and Yukon by Bradford Washburn while exploring for The Society and the Harvard Institute of Exploration, 1938.

Copyright, 1950, by National Geographic Society, Washington, D. C. International Copyright secured. All rights reserved. Quedan reservados todos los derechos.
Printed in U. S. A. Cover design and names registered in United States Patent Office. Marca Registrada.

CONTENTS

Page

Adobe New Mexico. By Mason Sutherland. With 28 illustrations in color from natural-color photographs by Justin Locke 783

Appalachian Valley Pilgrimage. By Catherine Bell Palmer. With 18 illustrations in color from natural-color photographs by Justin Locke 1

Because It Rains on Hawaii. By Frederick Simpich, Jr. With 32 illustrations in color from natural-color photographs by W. Robert Moore, Stewart Fern, Thomas W. McKnew, and others 571

Busy Fairbanks Sets Alaska's Pace. By Bruce A. Wilson. With 11 illustrations in color from natural-color photographs by O. C. Sweet 505

Cruise to Stone Age Arnhem Land (Australia). By Howell Walker 417

Exploring Stone Age Arnhem Land. By Charles P. Mountford. With 25 illustrations in color from natural-color photographs by Howell Walker 745

First Motor Sortie into Escalante Land (Utah). By Jack Breed. With 27 illustrations in color from natural-color photographs by the author 369

Freedom Train Tours America. 16 illustrations, with full legends 529

Gilbert Grosvenor's Golden Jubilee. By Albert W. Atwood. With 1 portrait in color from painting by Charles J. Fox 253

Incredible Andorra. By Lawrence L. Klingman. With 19 illustrations in color from natural-color photographs by B. Anthony Stewart 262

Jungle Journey to the World's Highest Waterfall (Angel Falls, Venezuela). By Ruth Robertson. With 17 illustrations in color from natural-color photographs by the author .. 655

Lapland's Reindeer Roundup. 14 illustrations in color from natural-color photographs by Göran Algård and William J. Storz 109

Milestones in My Arctic Journeys. By Willie Knutsen 543

Minnesota Makes Ideas Pay. By Frederick G. Vosburgh. With 32 illustrations in color from natural-color photographs by John E. Fletcher and B. Anthony Stewart 291

New Discoveries on the Mid-Atlantic Ridge. By Maurice Ewing. With 23 illustrations in color from natural-color photographs by Robert F. Sisson 611

Nomads (Eskimos and Indians) of the Far North. By Matthew W. Stirling. With 16 illustrations in color from paintings by W. Langdon Kihn 471

Our Vegetable Travelers. By Victor R. Boswell. With 32 illustrations in color from paintings by Else Bostelmann 145

Pigeon Netting—Sport of Basques. 16 illustrations, with full legends 405

The Pink Birds (Roseate Spoonbills) of Texas. By Paul A. Zahl. With 14 illustrations in color from natural-color photographs by the author 641

Pittsburgh: Workshop of the Titans. By Albert W. Atwood 117

Power Comes Back to Peiping. By Nelson T. Johnson and W. Robert Moore. With 18 illustrations in color, U. S. Marine Corps, Official, by Lt. David D. Duncan 337

Quebec's Forests, Farms, and Frontiers. By Andrew H. Brown. With 35 illustrations in color from natural-color photographs by the author, John E. Fletcher, and Kenneth S. Johnson 431

Page

Sheep Airlift in New Guinea. 16 illustrations, with full legends 831

Shells Take You Over World Horizons. By Rutherford Platt. With 41 illustrations in color from natural-color photographs by the author 33

Skyline Trail (Appalachian Trail) from Maine to Georgia. By Andrew H. Brown. With 16 illustrations in color from natural-color photographs by Robert F. Sisson 219

Skyway Below the Clouds. By Carl R. Markwith 85

Sno-Cats Mechanize Oregon Snow Survey. By Andrew H. Brown 691

The Society's New Map of Classical Lands. Text accompanying special map supplement in colors 845

Top of the World: The National Geographic Society's New Map of Northlands. Text accompanying special map supplement in colors 524

War-torn Greece Looks Ahead. By Maynard Owen Williams. With 21 illustrations in color from natural-color photographs by the author 711

INDEX FOR VOLUME XCVI (JULY-DECEMBER), 1949

July	pp. 1–144	October	pp. 431–570
August	pp. 145–290	November	pp. 571–710
September	pp. 291–430	December	pp. 711–848

A — Page

"A. T." *See* Appalachian Trail
Aala (section), Honolulu ... 578
Abakan, R. S. F. S. R. ... 528
Abalone shell ... 57, 63; color plate, page 56
Abbot, Greek Orthodox. *See* Priest, Greek Orthodox
Abilene, Tex ... 98
Aborigines: Australia
  Cruise to Stone Age Arnhem Land. By Howell Walker. With illustrations from photographs by the author. 10 ills., 1 half-page map, Sept ... 417–430
  Exploring Stone Age Arnhem Land. By Charles P. Mountford. With illustrations from photographs by Howell Walker. 14 ills. in black and white, 25 ills. in color, 1 map (two-page spread), Dec ... 745–782
  See also Arnhem Land, for detail
Abyssinian center of origin of cultivated plants ... 194
Academus, Grove of, Athens, Greece ... 845
Academy, Origin of word ... 845
Acanán River, Venezuela ... 662, 664, 665, 672
"Accident-prone" research, University of Minnesota ... 315
Achaia, Greece ... 848
Acheloos (Greek Royal Navy) ... 735
Acmaea pustulata (shell) ... color plate, page 44
  testudinalis ... color plate, page 41
Acropolis, Athens, Greece ... 713, 724; ill. 714; color plate, page 728
Acrostic, illuminated, to Dr. Grosvenor ... ill. 259
Actium, Greece ... 848
Acts 17, 18, 19, 28 (Bible) ... 845, 847
Adair, Thomas ... 379
Adairville, Utah ... 379, 386
Adams, Cedric ... 298
Adams, Cuyler ... 295
Adams, John ... 535
Adams, Samuel ... 241
Adams, Mass ... color plate, page 241
Adams, Mount, N. H ... color plate, page 240
Adelaide, Australia ... 421, 775
Adler, Mike ... 716, 717
Adobe New Mexico. By Mason Sutherland. With illustrations from photographs by Justin Locke. 18 ills. in black and white, 28 ills. in color, 1 page map, Dec ... 783–830
Adria (Atria), Italy ... 848
Adriatic Sea ... 847, 848
Adz, Stone Age: Arnhem Land ... 776, 780
Aegean Sea ... 150, 744, 847
AFA. *See* Air Force Association
Afghanistan
  Furs ... 719
  Vegetables ... 150, 204
Afghans (people) ... 191
Africa ... 612
  Continental Shelf ... 638
  North coast ... 848
  Vegetables ... 148, 149, 151, 159, 193, 194, 211; color plates, pages 192, 195, 210
Agamemnon, Tomb of ... 725
Agonia, Meaning of word ... 717
"Agonies" (Greek athletic contests) ... 716; ill. 717
"Agony," Derivation from Greek word ... 717
Agora, Athenian ... 724
Ágras, Greece ... 743; ill. 725
Agricultural Experiment Station, Alaska ... 523
Agricultural schools, University of Minnesota ... 322
Agriculture
  Alaska ... 522, 523
  Andorra ... 287, 290; ill. 286; color plates, pages 283, 284
  Croker Island, Australia ... 417
  Definition and origin of ... 149–150
  Greece ... 717, 721–722, 723, 726, 743; color plates, pages 737, 741
  Micmac Indian tribe ... 495
  Minnesota ... 293, 331
  Our Vegetable Travelers. By Victor R. Boswell. Paintings by Else Bostelmann. 5 ills. in black and white, 32 ills. in color, Aug ... 145–217
  South Goulburn Island, Australia ... 421
  Wahgi Valley, New Guinea ... 833
  Western States ... 704, 710
  See also Pineapple growing; Sugar and sugar cane

Page

Agrínion, Greece ... 715
Aicha River, Venezuela ... 672; color plate, page 680
Ailianos, Michael ... 712
Air Force Association: Bronze plaque and citation to The Society ... 846
Air-mail route, First, U. S. ... 90
Air markings: United States ... 85, 87, 90, 91, 94, 108
Air Traffic Control Center, El Paso, Tex ... 102
Air Transport Association of America ... 256, 258, 260
Air Transport Command ... 566
Airbases: Alaska ... 505, 506
Aircraft Communicator, Rodeo, N. Mex ... 103
Airline offices: Fairbanks, Alaska ... 505
Airplane, Conservation Department: Moose hunt ... 321
Airplanes
  Aid to *Phoenix* ... 426, 429
  Alaska ... 510, 511, 519; color plate, page 516
  Greece ... 715, 716
  Minnesota: Wolves hunted ... color plate, page 329
  Wahgi Valley, New Guinea ... ill. 832, 833, 836
Airports: United States
  Number of ... 525
  Skyway Below the Clouds. By Carl R. Markwith. With illustrations from photographs by Ernest J. Cottrell. 15 ills., 1 map (two-page spread), July ... 85–108
Airstrip
  Charlotte, N. C ... air view 103
  Knob Lake, Quebec ... 448
Ajaia ajaja. *See* Spoonbills, Roseate
Akhladhókambos, Greece ... 726
Aklavik, Canada: Eskimos ... ill. 496, 504
Akmolinsk, U. S. S. R. ... 528
Aku (Hawaiian tuna) ... 602
Alabama ... 1, 4
Alamo, San Antonio, Tex ... 431
Alaska ... 151, 602
  Hearty Folk Defy Arctic Storms. 16 ills. in color from paintings by W. Langdon Kihn. Oct ... 479–494
  Mollusks ... 35
  Nomads of the Far North. By Matthew W. Stirling. Paintings by W. Langdon Kihn. 13 ills. in black and white, 16 ills. in color, Oct ... 471–504
  Top of the World: The National Geographic Society's New Map of Northlands. Text accompanying special map supplement in colors. Oct ... 524–528
  See also Fairbanks
Alaska Highway ... 519, 526
Alaska Railroad ... 505, 510, 518, 519; ill. 520
Alaska Range, Alaska ... ill. 520
Albania ... 712, 718, 845
Albert of Cologne ... 174, 209
Alberta (province), Canada ... 471, 525, 526
Alcalde, N. Mex ... 796
Alcinoüs (Greek mythology) ... 724
Aldan, R. S. F. S. R ... 527
Aldrich, Winthrop W ... ill. 530
Alejo Calcaño (Indian chief) ... 659, 662, 686
Alert (weather station), Ellesmere Island ... 525, 568
Alexander ... 724, 743, 845, 847
"Alexander's Fountain": Pella, Greece ... 743
Alexandria, Egypt ... 715, 847
Alexandria, Minn ... 331
Alexandria, Va ... 91
  Freedom Train ... 530
Alexandroúpolis, Greece ... 715
Alfiós River, Greece ... 722
Algård, Göran
  Lapland's Reindeer Roundup. 14 ills. in color from natural-color photographs by Göran Algård and William J. Storz. July ... 109–116
Algonquian linguistic stock ... 471, 476
  See also Chipewyan; Cree; Micmac; Montagnais; Naskapi
Algonquian region, Canada ... 471, 492
Algonquin Indians ... 149, 471
All-Alaska Sweepstakes ... 522
All Saints school, Aklavik, Canada ... ill. 504
Allard, Lake, Quebec ... 526
Alleghenies (mountains), U. S ... 8, 23

Page

Allegheny (river), Pa.-N.Y. . . . 117, 118, 130, 135; ill. 120-121
Allegheny Conference on Community Development, Pa. . . . 143
Allegheny County, Pa. . . . 118, 140
Allen, Dr. Arthur A. . . . 260
Allen, Robert Porter . . . 651
Allen, Rollie . . . 369, 382, 386
Alligator Rivers, Arnhem Land . . . 775
Allium cepa (onion) . . . 202; color plate, page 203
fistulosum (Welsh onion) . . . 202
porrum (leek) . . . 202; color plate, page 203
sativum (garlic) . . . 202; color plate, page 203
schoenoprasum (chive) . . . 202; color plate, page 203
Almanack, Gruber's, Hagerstown . . . 6
Aloha Oe (song) . . . 595
Aloha Tower, Honolulu . . . 595; color plate, page 582
Alouette (song) . . . 432
Alpheus (god) . . . 722
Altar and choir, Basilica of Notre Dame, Quebec color plate, page 446
Altar and Hall of Imperial Silkworms, Peiping . . . 363
Altar of Heaven, Peiping . . . 341; ill. 366
Aluminum Company of America . . . 130, 132
Aluminum Company of Canada, Ltd. . . . 438
Aluminum industry: Pittsburgh . . . 130, 131; ill. 132
Amasia, Turkey . . . 848
Amazon River, South America . . . 655
Amazons: Greece . . . 717
America . . . 714, 715, 719, 726
Vegetables . . . 149, 159, 161, 162, 164, 168, 170, 179, 183, 184, 185, 187, 189, 193, 196, 198, 200, 202, 204, 209, 210, 213, 214, 217; color plate, page 165
America Street, Athens, Greece . . . 713
American Arctic . . . 525
American Farm School, Salonika, Greece . . . 743
American Forestry Association: Trail riders . . . color plate, page 300
American Heritage Foundation . . . 530, 532
American Legation, Peiping . . . 341
American Locomotive plant, Schenectady, N. Y.: Freedom Train . . . ill. 530
American Mission for Aid to Greece . . . 713, 715, 744
American Museum of Natural History, N. Y. City . . . 507, 509, 655
Chambered Nautilus . . . color plate, page 65
Shells . . . 39, 81; color plates, pages 65, 73
American Power Squadron . . . 104
American Radiator and Standard Sanitary Corporation . . . 139; ill. 133
American School of Classical Studies . . . 724
Americanization schools. *See* International Institute
Amherst Street, Winchester, Va. . . . 17
Amicalola (mountain), Ga. . . . 236
Ammon (god) . . . 848
Ammon, Mrs. Samuel . . . 144
"Ammonia," Derivation of word . . . 848
Ammonium, Egypt . . . 848
"Ammonium," Origin of word . . . 848
Ammonoosuc (A. T. name), White Mountains . . . 236
Amoagak, May . . . ill. 509
Amundsen, Roald (explorer) . . . 527
Amur (river), R. S. F. S. R. . . . 528
Amusium pleuronectes (shell) . . . color plate, page 68
Analog (electric device) . . . 137
Anatolia, Turkey . . . 743
Anatolia College . . . 744
Anchorage, Alaska . . . 510
Ancilla rubiginosa (shell) . . . color plate, page 74
Ancistrolepis hirasei (shell) . . . color plate, page 70
Anderson, Andrew G. . . . 297
Anderson, Andy (carver) . . . color plate, page 806
Anderson, Col. James . . . 140
Anderson, Maj. Gen. Orvil A. . . . 260; ill. 256
Anderson Field, El Paso, Tex. . . . 102
Andes (mountains), South America: Vegetables . . . 155, 157, 161, 162; color plate, page 154
Andorra
Incredible Andorra. By Lawrence L. Klingman. With illustrations from photographs by B. Anthony Stewart. 7 ills. in black and white, 19 ills. in color, 1 two-thirds-page map, Aug. . . . 262-290
Border . . . 262; color plate, page 270
Crime, Lack of . . . 273, 285
Education . . . 290
Feudal tribute . . . 268
Government . . . 262, 268, 276, 277, 290
Income taxes, Lack of . . . 271
Inheritance laws . . . 285
Languages . . . 266-267
Merchandise . . . 263-264; ill. 264
Population . . . 265, 285
Roads . . . 267; color plates, pages 272, 280
Size . . . 262, 265
Smuggling . . . 262, 266, 267, 285, 289
Traditions . . . 268, 285, 286, 290
Andorra (parish), Andorra . . . 290

Page

Andorra (town), Andorra . . . 268, 290; ill. 288, 289; color plate, page 273
Andorra the Old. *See* Andorra (town)
Andrews, Merrell . . . 86, 87
Anemones: Arnhem Land . . . 775
Angel, J. Lawrence . . . 724
Angel, Jimmy (aviator) . . . 655; ill. 657
Angel, Marie . . . 655, 657
Angel Falls, Venezuela
Jungle Journey to the World's Highest Waterfall. By Ruth Robertson. With illustrations from photographs by the author. 13 ills. in black and white, 17 ills. in color, 1 two-thirds-page map, Nov. . . . 655-690
Angel Falls Canyon . . . 655; ill. 660
Angel's Wings (shells) . . . 60; color plate, page 75
Anglo-Egyptian Sudan . . . 194
Anglo-Saxon: Vegetable terms . . . 155, 172, 189, 202, 204
Angmagssalik, Greenland . . . 550, 554, 558
Eskimos . . . ill. 550, 564
Angola: Okra . . . 194
Annfield (home), Va. . . . 17; color plate, page 9
Anniversary, Fiftieth, of Gilbert Grosvenor. *See* Golden Jubilee
Anomalocardia brasiliana (shell) . . . color plate, page 47
Anomia simplex (shell) . . . color plate, page 42
Antarctica . . . 447, 549
Anthony and Cleopatra . . . 848
Anthropology. *See* Aborigines; Basques; Eskimos; Indians; Lapps; Papuans
Antibiotics: Virginia . . . 23; ill. 7
Antietam Battlefield, Md. . . . 11
Antigua, West Indies . . . 615, 640
Antlers, Caribou, Eskimos loading . . . color plate, page 484
Antonsen, Gerhard . . . 551
Apartment building: Fairbanks, Alaska . . . 505
Aphrodite (goddess). *See* Venus (Goddess of Beauty)
Apium graveolens (celery) . . . 185; color plate, page 184
Apollo (Greek god) . . . 847, 848
Appalachian Mountain Club . . . 222
Appalachian Mountain system, extension into Atlantic . . . 617
Appalachian Mountains, U. S. . . . 17, 91, 117
Appalachian Trail . . . 18, 86
Skyline Trail from Maine to Georgia. By Andrew H. Brown. With illustrations from photographs by Robert F. Sisson. 15 ills. in black and white, 16 ills. in color, 1 map (two-page spread), Aug. . . . 219-251
Beginnings of . . . 220
Laboratory, Naturalist's . . . 226, 251
Length of . . . 219, 220
Peaks and ranges . . . 219
Weather changes, Mount Washington . . . 222, 243
Appalachian Trail Conference . . . 236, 239
Appalachian Valley Pilgrimage. By Catherine Bell Palmer. With illustrations from photographs by Justin Locke and J. Baylor Roberts. 9 ills. in black and white, 18 ills. in color, 1 page map, July . . . 1-32
Appian Way . . . 847
Apple Blossom Festival, Winchester, Va. . . . 17
Apple Grove, Va. . . . 94
Apple Star Shell . . . color plate, page 45
Apple trees: Berryville, Va. . . . color plate, page 25
Apples: Virginia . . . 4, 5, 17; color plate, page 13
Aqua Follies: Minneapolis, Minn. . . . 304
Aquatennial: Minneapolis, Minn. . . . 317; color plate, page 304
Aquila (Bible character) . . . 847
Arabia: Vegetables . . . 194, 195, 204, 209, 211
Arabian Nights . . . 33
Arafura Sea, Australia . . . 422, 423, 426; ill. 424
Aramaeans (people) . . . 150
Aransas marshes, Tex. . . . 651
Aransas National Wildlife Refuge, Tex. . . . 651
Arawa (beach), Groote Eylandt, Australia . . . 755
Arbacia punctulata (sea urchin) . . . color plate, page 41
Arca zebra (shell) . . . color plate, page 46
Arcadia (region), Greece . . . 726
Archangel (province), R. S. F. S. R. . . . 527, 528
Archeology
Alaska: Mammoth . . . 507, 510; ill. 509
Arctic: Eskimo culture . . . 495
Greece . . . 724, 728
Archer, Laird . . . 719
Arches
Gothic: University of Pittsburgh . . . ill. 124-125
See also Grosvenor Arch, Utah
Architectonica granulata (shell) . . . color plate, page 44
maximum . . . color plate, page 74
perspectiva . . . color plate, page 68
Architecture
Adobe: New Mexico . . . 783, 789, 790, 796, 807, 810, 814, 824; ill. 808; color plates, pages 791, 792, 794, 806, 815, 820
Classic, Shell designs in . . . 40, 49, 57, 61
Archway: Peiping . . . color plates, pages 348, 362
Arctic Alaska . . . 526
Arctic archipelago . . . 471

Page

Arctic Canada ... 567
Arctic Circle ... 505, 510, 515, 524, 527, 543
Arctic defense system: Alaska ... 505, 512
Arctic Indoctrination School, U. S. Air Force: Alaska ... 525
Arctic Ocean ... 510, 526, 527, 543, 569; color plate, page 488
Arctic Operations Project, U. S. Weather Bureau ... 567
Arctic regions
  Hearty Folk Defy Arctic Storms. 16 ills. in color from paintings by W. Langdon Kihn. Oct. ... 479-494
  Milestones in My Arctic Journeys. By Willie Knutsen. 22 ills. Oct. ... 543-570
  Nomads of the Far North. By Matthew W. Stirling. Paintings by W. Langdon Kihn. 13 ills. in black and white, 16 ills. in color, Oct. ... 471-504
  Top of the World: The National Geographic Society's New Map of Northlands. Text accompanying special map supplement in colors. Oct. ... 524-528
Arctic Search and Rescue section, U. S. Air Forces ... 558
Arethusa (fountain nymph) ... 722
Arfará, Greece ... 726; color plate, page 733
Argaluk Hill, Arnhem Land ... 780
Argelich, B. Riberaygua ... 268
Argentina ... 162, 647
Argolis (region), Greece ... 726
Árgos, Greece ... 723
Aristotle (philosopher) ... 187, 742, 845
Arizona ... 369, 378, 379, 400, 403
  Skyway ... 102, 103, 108; air view 94; ill. 107
  Snow survey ... 710
Arlington, Minn ... 315
Armies, Chinese Red: Peiping ... 344; ill. 338, 364, 368
Armor, Eskimo, from bone plates ... 500
Armstrong, Dr. Wallace D. ... 315
Army
  Greek ... 711, 715; ill. 717; color plates, pages 730-731
    Emblem ... color plate, page 730
  Persian (Xerxes) ... 848
  Roman, defeated ... 848
Arnhem (ship) ... 746
Arnhem Land, Australia
  Cruise to Stone Age Arnhem Land. By Howell Walker. With illustrations from photographs by the author. 10 ills., 1 half-page map, Sept. ... 417-430
  Rations ... 421, 429; ill. 418
  Expedition 1948-49 ... 261
  Exploring Stone Age Arnhem Land. By Charles P. Mountford. With illustrations from photographs by Howell Walker. 14 ills. in black and white, 25 ills. in color, 1 map (two-page spread), Dec. ... 745-782
  Bases, Expedition ... 745, 748, 750, 753, 755, 756, 757, 758, 763, 766, 767, 768, 775, 776, 778, 780, 781, 782; ill. 752, 753, 780; color plates, pages 759, 760, 766, 770-771
  Birds ... 755, 758, 775-776, 778; ill. 746; color plate, page 765
  Dancers and dancing ... 745, 772, 775, 780; color plates, pages 770-771, 772, 773
  Fish ... 750, 753, 757, 758, 760, 778; color plates, pages 764, 765
  Food ... 750, 752, 756, 758, 778; ill. 753, 754; color plate, page 766
  History ... 745-746
  Insects ... ill. 751; color plate, page 765
  Languages ... 746
  Malays (people) ... 746, 753, 757
  Paintings ... 752, 755, 758, 764, 779; ill. 777, 782; color plates, pages 759, 762, 763
  Population ... 746
  Size ... 745, 768
  Women ... 748, 752, 753, 772; ill. 747; color plates, pages 766, 767
Arnold, Benedict ... 219, 433
Arnold, Gen. H. H. ... 254-255
Arpinum, Italy ... 848
Arrowhead Country, Minn. ... 321
Art, Indians sell: Santa Fe, N. Mex. color plate, page 806
Art class: Taos, N. Mex. ... ill. 827; color plate, page 803
Art colony: Taos, N. Mex. ... 784, 786
Arthropoda, exceed mollusks in number ... 35
Artichoke
  Globe ... 181, 187; color plate, page 180
  Jerusalem ... 181
Arliggi ("dickey," Eskimo costume) ... ill. 475
Artists, paint old woman: Taos, N. Mex. ... ill. 786
Arnwalija (ritual): Groote Eylandt, Australia ... 755
Arvida, Quebec ... 438, 457
Aryans (people) ... 150, 204
Asbestos (town), Quebec ... 451
Asbestos mines: Quebec ... 451; ill. 453
Ascension Island, Atlantic Ocean ... 616
Ascot Corner, Quebec ... 451-452
Asher, John ... 716
Ashland, Oreg. ... 691

Page

Asia
  Vegetables ... 164, 166, 168, 189, 191, 193, 200, 202, 204, 209, 215, 217; color plates, pages 173, 188, 208
  See also Peiping
Asia Minor ... 848
  Vegetables ... 150, 172, 174, 177, 179, 182, 185, 187, 189, 191, 193, 196, 200, 206, 211; color plates, pages 178, 190
Asparagus ... 179; color plate, page 178
Asparagus officinalis (asparagus) ... 179; color plate, page 178
Aspens
  Minnesota ... 315
  New Mexico ... color plate, page 798
Assam, India ... 209
Assiniboin (Indian tribe) ... 476
Astraea heliotropium (shell) ... color plate, page 66
  longispina ... color plates, pages 44, 46
  tuber ... color plate, page 45
Atatürk ... 744
Athapascan area, Canada ... 471, 476
Athapascan linguistic stock ... 471, 473, 474, 476
  See also Hare; Kutchin; Nahani; Slaves; Tanana; Yellowknife Indians
Athena (goddess) ... 724
Athens, Greece ... 712, 713, 714, 715, 716, 719, 720, 721, 724, 726, 743, 744, 845, 848; ill. 714, 718, 719; color plates, pages 728, 730, 731, 732, 735
Athens College ... 744
Atlanta, Ga. ... 93, 95, 219
  Pilots' lounge ... ill. 86
Atlantic Basin ... 611, 612, 614, 615, 620
Atlantic Ocean ... 530
  See also Mid-Atlantic Ridge
Atlantic Plain ... 219
Atlantis (research ship)
  New Discoveries on the Mid-Atlantic Ridge. By Maurice Ewing. With illustrations from photographs by Robert F. Sisson. 6 ills. in black and white, 23 ills. in color, 1 half-page map, Nov. ... 611-640
Atom bombs: Los Alamos, N. Mex. ... 783, 785, 807, 809
Atomic Energy Commission ... 807
Atria, Italy. *See* Adria
Atrina rigida (Pen shells) ... ill. 58
Attalus, Stoa of ... 724
Attica (region), Greece ... 711, 721
Atwood, Albert W.
  Gilbert Grosvenor's Golden Jubilee. By Albert W. Atwood. 9 ills. in black and white, 1 portrait in color, Aug. ... 253-261
  Pittsburgh: Workshop of the Titans. By Albert W. Atwood. With illustrations from photographs by B. Anthony Stewart, J. Baylor Roberts, and John E. Fletcher. 22 ills., July ... 117-144
Au (New Guinea native) ... ill. 841
Auctioneer, at sidewalk sales: Greencastle, Pa. ... ill. 4
Audubon Society. *See* National Audubon Society
Auger Shells (Terebras) ... 57, 62, 64; ill. 37; color plate, page 52
Augusta County, Va. ... 23
Aurora, Minn. ... 296, 309
Aurora Borealis ... color plate, page 489
Austin, Minn. ... 331
Australia ... 64, 151, 833, 835, 836, 840
  See also Arnhem Land
Australian Institute of Anatomy, Canberra: Members of ... ill. 747; color plates, pages 766, 767
Australian Museum, Sydney ... 750, 776, 780, 782
Auto races: Corona, Calif. ... 100
Auto racing, Midget: East Jackson Airport, Miss. ... 98, 99
Automobile agency: Fergus Falls, Minn. ... 316
Automobile trip, First, Richardson Highway, Alaska ... 506, 519
Automobiles: Andorra ... 262; ill. 288
Auyán-tepuí (Devil Mountain), Venezuela ... 655, 657, 658, 659, 663, 664, 665, 666, 676; ill. 660, 661; color plates, pages 667, 668, 673
Avenida Juárez, Ciudad Juárez, Mex. ... 102
Aviation
  Arctic regions: Navigation and training ... 524-525
  Skyway Below the Clouds. By Carl R. Markwith. With illustrations from photographs by Ernest J. Cottrell. 15 ills., 1 map (two-page spread), July ... 85-108
  See also Sheep Airlift in New Guinea
Axes, Stone: Milingimbi Island, Arnhem Land ... 757
Áyios Lávros, Monastery of, Greece ... 743
Áyios Nikólaos. *See* Saint Nicholas
Azaleas, Flame: Great Smoky Mountains ... color plate, page 251
Azores (islands), Atlantic Ocean ... 615, 618, 635, 637; color plates, pages 626, 628-634
  Woman in hood ... ill. 637
Aztecs (Indians) ... 149, 166

B — Page

B-17's (Flying Fortresses) 559, 831
Honolulu 578
B-29's 505
See also Kee-Bird
B-36 525
B-50's 525
B. A. M. (Baikal Amur Magistral) railway 528
Babies, Twin: Cree Indian ..... ill. 477
Baby
Eskimo ..... color plate, page 486
Kutchin Indian ..... color plate, page 479
Listens to shell ..... ill. 35
Mother nurses: Yirrkala, Arnhem Land ..... color plate, page 767
Baby buggy, strapped to automobile: Andorra ..... ill. 288
Baby Delight (watermelon) 193
Babylon 337, 743
Babylonia japonica (shell) ..... color plate, page 74
Bachelor Butte, Cascades, Oreg 703
Baffin Island, Canada ..... 524, 543, 558, 567, 568; ill. 560, 569
Bag, Moss, cradle: Northern Indians ..... 474, 502; ill. 477
Bagotville, Quebec 438
Bags
Cover onion flowers, for pollination ..... ill. 152
Plastic: Meilon Institute ..... ill. 119
Bahama Islands 636
Shells 60
Baie St. Paul, Quebec 467, 470
Baikal, Lake, R. S. F. S. R 495, 528
Baikal Amur Magistral (railway) 528
Bailer Shellfish ..... ill. 83
Bailey, Mount, Cascades, Oreg 701
Bairaktaris, Col. George 711
Baja California: Shells 61, 63
Baker, John H 641
Baker Memorial Library, Dartmouth College ..... color plate, page 237
Bakery: Umbakumba, Groote Eylandt, Australia ..... ill. 753
Balboa (explorer) 105
Baleen (horny material, whale's mouth) 502
Bales, Dr. B. R 43, 58, 60, 82
Bali (aborigine) 756
Balkans 744
Balkh, Afghanistan 368
Balko, Ted 292
Ball Butte, Oreg 703
Balloons
Mid-Atlantic Ridge Expedition 616
Plastic, for cosmic ray data 291
Balnuknuk ceremony: Arnhem Land ..... 772, 780; color plates, pages 770–773
Baltimore, Md 796
Baltimore and Ohio train: Harpers Ferry, W. Va ..... ill. 2
Band Shell. *See* Horse Conch Shell
Banded Thais ..... 60; color plate, page 47
Banded Tulip Shell ..... ill. 34; color plate, page 45
Bandelier National Monument, N. Mex ..... 814; ill. 812
Banister, Capt. A. B.: Children of ..... ill. 35
Bank: Andorra (town) ..... ill. 288
Bankivia fasciata (shell) ..... color plate, page 72
Banks Island, N. W. T., Canada 524
Banner, Gate of Heaven shrine, Peiping ..... color plate, page 358
Banquet. *See* National Geographic Society: Banquet (Golden Jubilee)
Bansei (soybeans) 217
Bar Harbor, Maine: Scallops 33
Barakuma (clan totem) 780
Barbados (island), West Indies 575, 638, 640
Shell 71, 81
Barbary, North Africa 168
Barbasco (plant): Venezuela 658, 664, 674, 675, 681
Barcelona, Spain 278
Barges
Coal: Pittsburgh ..... 123; ill. 118, 120–121
Oil: Intracoastal Waterway, Texas region 654
Barker, Elliott S 829
Barker, Roy ..... 828, 829; ill. 829
Barking Nunnery, England 204
Barn: Maryland ..... color plate, page 12
Barnard, John 234
Barnard, Mrs. John 234
Barnaul, R. S. F. S. R 528
Barnea costata (shell) ..... color plate, page 75
Barns, Log: Truchas, N. Mex ..... ill. 810
Barren Grounds (Northern Plains), Canada 471
Barrow, Alaska 510
Bartalumba Point, Groote Eylandt, Australia 753
Bartlett, Capt. Robert A 554, 637, 638
Bartsch, Dr. Paul 33
Basalt cliff: Toketee Falls, Oreg ..... ill. 698
Baseball: Alaska 515
Bashkir (autonomous republic), R. S. F. S. R 528
Basilica. *See* Notre Dame (Quebec); Ste. Anne de Beaupré
Basilissa babelica (shell) ..... color plate, page 71
Basket weaving: Virginia ..... color plate, page 31

Page

Baskets, Birch-bark: Kutchin Indians 473
Basque country, France-Spain
Location 406
Spanish and French rule 410
Basques
Pigeon Netting—Sport of Basques. 16 ills. from photographs by Irene Burdett-Scougall, with 1 quarter-page map. Sept 405–416
Bass, Black: Minnesota ..... color plate, page 305
Bassano (beets) 187
Bassett-Smith, Peter (photographer) ..... 752, 755, 758, 775; color plate, page 760
Bassina dejecta (shell) ..... color plate, page 75
Bathers
Honolulu ..... color plates, pages 594, 608
Ranch pool: San Juan, N. Mex ..... color plate, page 802
Virginia ..... color plate, page 15
Bathtub, Sofa: Pittsburgh ..... ill. 139
Bathtubs, Enamelers coat: Pittsburgh ..... ill. 133
Bathurst Island, N. W. T., Canada 524
Bathybembix argenteoniiens (shell) ..... color plate, page 66
Bathysphere descent, Dr. William Beebe 256
Bathythermograph ..... color plate, page 625
Bats (disks). *See Zimbelas*
Battle, Last, Chippewa and Sioux Indians 321
Battle Lake, Minn 321
Battle of Monmouth, N. J 1
Battle of Point Pleasant, W. Va 232
Battle of Salamis 735
Battle of the Bulge 831
Baudette, Minn 322
Baughan, Capt. Charlie (pilot) 660, 662, 663, 688
Bauhin, Caspar (botanist) 189
Bayle (deputy): Andorra 268, 285
Beach
Santa Monica, Calif ..... air view 105
Wollaston Forland, Greenland ..... ill. 557
Beaches
Chasm Island, Arnhem Land ..... color plate, page 764
Hawaii ..... 578, 595; color plates, pages 594, 608
Shells on: Sanibel Island, Fla ..... ill. 34, 58
Beacon, Cape Don, Australia 417
Bead collars, Eskimos wear ..... ill. 564; color plate, page 486
Bean
American-type 149
Asparagus 211
Common ..... 148, 159; color plate, page 158
Great Northern 159
Lima ..... 159; color plate, page 158
Marrow 159
Navy 159
Pea 159
Pinto 159
Red Kidney 159
Yellow Eye 159
Bean Sprouts (lane), Peiping 363
Beans: Central America ..... color plate, page 158
Bear
Athapascan area, Canada 471, 473
Palisades Interstate Park: Cub climbs tree ..... ill. 220
Bear Mountain, N. Y 218, 220, 226
Bear Mountain Bridge, N. Y 220
Bear Mountain park, N. Y ..... ill. 235
Bears
Black: Appalachian Trail 226
Polar
Arctic regions 555
Cub ..... ill. 500
Eskimo stabs bear ..... color plate, page 487
Beaudry, Lt. Col. Emil 525
Beaumont, Quebec 466
"Beautiful Saviour, King of Creation" (song) 333
Beauty, Goddess of (Venus-Aphrodite) 848
Beaver (Indian tribe) 471
Beaver Brook Trail, N. H 230
Beaverdam Creek, Va 8
Because It Rains on Hawaii. By Frederick Simpich, Jr. With 32 ills. in color from natural-color photographs by W. Robert Moore, Stewart Fern, Thomas W. McKnew, and others. 9 ills. in black and white, 1 half-page map. Nov 571–610
Bedford, Quebec 452
Bedford, Va 232
Bedrock, Atlantic Ocean floor 612, 614, 616, 617, 620, 622
Beebe, Dr. William 256
Beer, Watermelon: Russia 193
Beets ..... 187; color plate, page 186
Garden 187
Long Red 187
Red 187
Stock (mangel-wurzels) 187
Sugar 187
Minnesota 203
Beggar: China ..... color plate, page 361
Beggars Guild: China 341, 361
Belgium 168, 170, 179, 204, 573
Bell, Alexander Graham 253, 261
Bell, Richard G 600

Page

Bell Tower, Peiping ... 346
Bellanca plane ... 510
Bellevue Hospital, N. Y. City ... 140
"Bellsniggling": Virginia ... 23, 24
Belt, Cowry shell, Libian dancer wears ... ill. 38
Bemidji, Minn ... 321
Ben Hur (Wallace) ... 790
Bend, Oreg ... 703
Bender, Lt. Col. Frank P ... 656, 688
Bender (melon) ... 198
Bengal, Bay of ... 206
Beothuk (aboriginal language) ... 471
Beret, Basque ... ill. 413
Bering Sea, Siberia-Alaska ... 495, 501
Bering Sea people. *See* Old Bering Sea people
Bering Strait, Alaska-U. S. S. R. ... 151, 496, 519, 527
Berkeley County, W. Va ... 8
Berkman, Jack (artist) ... ill. 827
Berkshire Museum, Pittsfield, Mass.: Shells ... 63
Berkshires (mountains), Mass ... 219
Berlin, Irving: "The Freedom Train" ... 532
Bermuda (islands), Atlantic ... 198, 636
Bermuda Rise ... 615, 636
Berries, Pickers in fields of: Quebec. color plate, page 466
Berryman, Clifford K.: Cartoon ... ill. 260
Berryville, Va ... 9, 17
  Orchard ... color plate, page 25
Bessemer, Alan ... ill. 123
Bessemer, Sir Henry ... 123
Beta vulgaris (beets) ... 187; color plate, page 186
Betsey Bell (peak), Staunton, Va ... 24
Beverly Hills, Calif ... 106
Bible Lands and the Cradle of Western Civilization, Map of ... 845
Bible School, Eastern Mennonite College, Va ... 23
Bic, Quebec, Canada ... 448
Bickerton Island, Arnhem Land ... 752-753
Big Fork River, Minn ... 305
Big Island (Groote Eylandt), Australia ... 746
"Big Island" (Hawaii Island), Hawaii ... 599, 601, 602
Big Lake (Tacklebuster Lake), Minn ... 322
Big Meadows campground, Va ... ill. 233, 234
Big Spring, Tex ... 108
Big Stem Jersey (potato) ... 168
Bigelow Mountain, Maine ... 219, 222, 226
Bikini (island), Marshalls: Giant Clam ... ill. 82
"Bilarney" (aboriginal nickname, W. J. Harney) ... 756
Billabongs (lagoons): Arnhem Land ... 745, 775, 778
Billboard
  ECA help: Athens, Greece ... ill. 718
  Model of: Carnegie Tech ... ill. 142
Billington, Dr. Brian ... 750, 752, 756; ill. 747; color plates, pages 760, 767
Bingham, Senator Hiram ... 260; ill. 256
Bird islands: Gulf of Mexico ... 641, 642, 651; ill. 653; color plates, pages 643, 644, 645, 646, 647, 648, 640, 650
Bird of paradise flowers: Hawaii ... color plates, pages 589, 603
Bird of paradise plumage: New Guinea natives ill. 834, 840, 844
Birds
  Arnhem Land, Australia ... 755, 758, 775-776, 778; ill. 746; color plate, page 765
  Northern Minnesota lake country ... 316
  See also Pigeons; Spoonbills, Roseate; *and* Sanctuaries, Bird
Birnik (people): Alaska ... 500
"Birth of Venus" (Botticelli painting) ... 55
Biscay, Bay of, France-Spain ... 406
Bishop Museum, Honolulu ... 595
Bishop of Seo de Urgel, Spain ... 262, 268, 276, 200
Bishop's Lodge, Santa Fe, N. Mex. color plate, page 800
Bison, Wood-carved: Quebec ... color plate, page 470
Biteng, Capt. Ladjabete H ... 430
Bittner, Dr. John J ... 315
Bitumuk, Imported: Hawaii ... 573
Bivalves (mollusks) ... 37-39, 41, 81; color plates, pages 50, 73, 75
Black-Eye (peas) ... 211
Black Lake, Quebec ... 451
Black Sea ... 150, 528, 735, 847
Blackfeet Indians ... 471, 476
Blake trawl (net) ... 615, 617, 625; ill. 630; color plate, page 624
Blakeley, W. Va ... 8
Blanding, Utah ... 403
Blanket toss (game): Eskimos ... 476; ill. 523
Blanket weaving: Santa Fe, N. Mex ... ill. 789
Blankets, Taos Indians wear ... color plate, page 793
Blazes, White, on trees: Appalachian Trail ... ill. 229
Bleeding Tooth Shell ... 58; color plates, pages 44, 46
Blind, School for: Minnesota ... 335; color plate, page 324
Blind on kayak, Eskimo hunter's ... color plate, page 481
Blindness, Snow, Eskimos prevent ... 495; ill. 497
Block House, Pittsburgh ... 144
Blood, Ned ... 831
  Sheep Airlift in New Guinea. 16 ills. from photographs by Ned Blood, with full legends. Dec 831-844

Page

Blood, Mrs. Olga ... ill. 839, 841
Blood, Susan ... ill. 840, 841
Blubber, Sun-drying: Eskimos ... color plate, page 488
Blue Ridge Mountains, Va.-N. C. ... 219, 227, 230, 236; color plates, pages 246, 250
  Virginia section ... 8, 14, 17, 18, 20, 23, 91
Blue Ridge Parkway, Va ... 18, 233
Bluff, Utah ... 403
Blumenschein, Ernest L. (artist) ... 784, 785; ill. 780
Blythe, Calif ... 106
Boat
  Escalante Expedition, Utah ... ill. 382; color plate, page 401
  Expedition members in: Chasm Island, Arnhem Land ... color plate, page 764
Boats
  Decorated: Fox River, Quebec ... color plate, page 459
  Eskimo ... 496; color plates, pages 481, 486, 488, 491
  Fishermen pull: Azores ... color plate, page 633
  Iron ore: Minnesota ... 295; ill. 320
  See also Barges; Canoes; *Phoenix*; Ships
Bodø, Norway ... 527
Body painting, Aboriginal: Arnhem Land ... 780; color plates, pages 770-771, 772, 773
Boisdon, Jacques ... 431-432
Bola (dog) ... 507
Bolas, Bird, Eskimos use ... 500
Bolívar, Simón: Indian named for ... 656
Bolivia: Vegetables ... 152, 157, 161
Bombay, India ... 20
Bomber squadrons: Alaska ... 505
Bombing range, U. S. Navy: Kahoolawe (island), Hawaii ... 578
Bonaventure Island, Quebec ... 450, 459; color plate, page 455
Bones, Human, in burial cave: Arnhem Land ... ill. 778
Bonnet
  "Coal hood": Azores ... ill. 637
  Lapp tribal ... color plate, page 115
Bookmobile: Oahu (island), Hawaii ... ill. 572
Boone, Daniel ... 219, 543
Bootees, Sealskin, Boy wears: Greenland ... ill. 550
Boots, Eskimo ... ill. 560, 564; color plates, pages 484, 518
Borah, Leo A ... 699
  Acrostic by ... ill. 259
Borden (island), Parry Islands, Canada ... 524
Borglum, Gutzon ... 93
Bosley, George ... 693
Bosporus, Turkey ... 744
Bostelmann, Else ... 153
  Our Vegetable Travelers. 32 ills. in color from paintings by Else Bostelmann. Aug ... 154-216
Boston, Mass ... 1, 65, 80, 543, 600, 796
  Freedom Train ... ill. 542
  Vegetables ... 177, 187
Boston Marrow (squash) ... 162
Boston Museum of Science: Shells ... 57
Boswell, Victor R.
  Our Vegetable Travelers. By Victor R. Boswell. Paintings by Else Bostelmann. 5 ills. in black and white, 32 ills. in color, Aug ... 145-217
Botticelli (artist) ... 55
Boucaut Bay, Australia ... 422, 426; ill. 418, 427
Bouchard, Stanley (wood carver) ... color plate, page 470
Bougainvillea: Groote Eylandt, Australia ... color plate, page 762
Boulder, Utah ... 399
Boulders, on hillside: Andorra ... color plate, page 282
Boulet, Jack ... color plate, page 516
Boundary, Alaska ... 510
Bouquet, Col. Henry ... 144
Bourlamaque, Quebec ... 451
Bouvet, Atlantic Ocean ... 616
Bow, Sinew-backed: Eskimos ... 495, 500; color plate, page 487
Bow and arrow, Indian boy uses: Venezuela ... color plate, page 674
Bowley, Capt. Raymond ... ill. 542
Bowman, Chancellor John G ... 139
Box, Water requests, Talent Irrigation District, Oreg. ill. 704
Boxer Protocol (1901) ... 339
Boxer Rebellion ... 362
Boy
  English, tries on iron collar: Andorra ... ill. 289
  Holds giant key: Andorra ... color plate, page 276
  In ceremonial robe: Honolulu ... color plate, page 587
  Photographs mountain scenery: Andorra ... color plate, page 281
  Rides pink horse: New Mexico ... color plate, page 795
  With goat: New Mexico ... ill. 811
Boy Day (Japanese holiday): Honolulu ... 595
Boyle, John C ... 701
Boynton (desperado) ... 398
Boynton's Lookout, Utah ... color plate, pages 398-399
Boys, at Minnesota Braille and Sight Saving School color plate, page 324
Braddock, Gen. Edward ... 144

Page

Brainerd, Minn. 316
Brállos bridge, Greece. 721; ill. 715
Branstead, Robert F. . . 691, 695, 703, 704, 709; ill. 699, 705
Bras d'Or Lake, Cape Breton Island: Indians. ill. 499; color plate, page 493
Brassica alba (mustard). 209
chinensis. 215; color plate, page 214
japonica. 209
juncea. 209; color plate, page 208
napobrassica (rutabaga). . 189; color plate, page 188
nigra (mustard). 209
oleracea variety *acephala* (kale). . 172; color plate, page 173
botrytis (broccoli). . . . 177; color plate, page 176
caulorapa (kohlrabi). . . 170; color plate, page 171
gemmifera (Brussels sprouts). . 170; color plate, page 171
pekinensis (Chinese cabbage). 215; color plate, page 214
rapa (turnip). . . . . 189; color plate, page 188
Bratsk, R. S. F. S. R. 528
Bray, John (expedition cook). . 750, 756, 775, 778; ill. 751; color plate, page 760
Brazier, Charcoal: Peiping. color plate, page 349
Brazil: Vegetables. 159, 194, 196, 198, 200, 206, 209
Bread
Minneapolis milling company. . color plate, page 313
Umbakumba, Groote Eylandt, Australia. . . . . ill. 753
Woman bakes, in outdoor oven: Quebec. . . . . ill. 449
Breaker, Outrigger rides: Waikiki, Honolulu. . . ill. 598
Brechites radix (shell). color plate, page 70
Breed, Jack. . . . . ill. 384; color plate, page 399
First Motor Sortie into Escalante Land. By Jack Breed. With illustrations from photographs by the author, 6 ills. in black and white, 27 ills. in color, 1 page map, Sept. 369–404
Breitenbush Hot Springs, Oreg. 705
Bremer Island, Arnhem Land. 758
Brest, U. S. S. R. 528
Brewster, N. Y. 541
Bridge
Chena River. . . . . ill. 523
Covered: Virginia. . . . . color plate, page 26
Horseback riders cross: Virginia. . color plate, page 27
117-year-old: Maryland. . . . . color plate, page 11
Suspension: St. Lawrence river, Canada. . color plate, page 456
"Y," Zanesville, Ohio. . . . . air view 90
Bridge of Ten Thousand Years, Peiping. 363
Bridges
Natural: Escalante Land, Utah. . . . 369, 404; color plate, page 371
Pittsburgh. . . . . 122; ill. 120–121
Bridgetown, Barbados, West Indies. 638
Briggs, Dr. Lyman J. . . . . 258; ill. 256, 260
Brindisi (Brundisium), Italy. 847
British Columbia
Mussels. 35
Snow survey. 710
British Isles. 157, 162, 170, 174, 187, 202
British war destruction: Greece. 721
Britons (people). 848
Brittany (region), France. 528
Broadway, Va. 18, 23, 26
Brocade, Silk, used for wall cover: China. color plate, page 355
Broccoli. . . . . 177; ill. 146; color plate, page 176
Broer Ruys, Cape, Greenland. 555
Broken Top, Cascades, Oreg. 703
Bromeliacea family. 599
Bronze Age. 204
Brooke, John Mercer. 24
Brooklyn, N. Y. 543, 545, 558, 796
Freedom Train. 533
Brown, Andrew H. . . . . ill. 693, 697
Quebec's Forests, Farms, and Frontiers. By Andrew H. Brown. With 35 ills. in color from natural-color photographs by John E. Fletcher, Kenneth S. Johnson, and the author, 4 ills. in black and white, 1 map (two-page spread), Oct. 431–470
Skyline Trail (Appalachian Trail) from Maine to Georgia. By Andrew H. Brown. With illustrations from photographs by Robert F. Sisson, 15 ills. in black and white, 16 ills. in color, 1 map (two-page spread), Aug. 219–251
Sno-Cats Mechanize Oregon Snow Survey. By Andrew H. Brown. With illustrations from photographs by John E. Fletcher, 19 ills., 1 third-page map, Nov. 691–710
Brown, John. 5, 8
Brown, Sgt. John A. . . . . ill. 541
Brown & Bigelow, St. Paul, Minn. 316
Brown Crowder (peas). 211
Browns Creek, Cascades, Oreg. 703
Brownson Deep, Atlantic Ocean. 640
Brundisium, Italy. *See* Brindisi
Brussels, Belgium. 170
Brussels sprouts. . . . . 170; color plate, page 171

Page

Bryce Canyon National Park, Utah. . . . 369, 371, 397, 699
Bryn Mawr, Pa. 724
Buade Street, Quebec City. 431, 432
Bubble Shell. . . . . color plate, page 70
Buccaneer Days celebrations: Corpus Christi, Tex. . . 651
Bucharest, Romania. 528
Buddha, White Jade: Peiping. 346
Buffalo, N. Y.: Milling center. 334
Bufos (toads, *Bufo marinus*): Hawaii. 597
Buhl Foundation, Pittsburgh. 142, 144
Bulbs, Flash, Schoolboys hold: Chimayo, N. Mex. color plate, page 805
Bulgaria. 712
Bull, sacred animal: Minoan culture. 845
Bull Valley Gorge, Utah. 370
Bumpass, Va. 94
Bumstead, Robert. . . . . ill. 229
Bunyan, Paul. 207
Figure of: Minnesota State Capitol. color plate, page 209
Burbot (fish): Minnesota. 322
Burbot Liver Products Company, Minn. 322
Burdett-Scougall, Irene
Pigeon Netting—Sport of Basques. 16 ills. from photographs by Irene Burdett-Scougall, with 1 quarter-page map, Sept. 405–416
Burial customs
Eskimo. 503
Naskapi Indians. 503
New Guinea native: Wahgi Valley. 842
Burial ground, Non-Christian Indians: Minnesota. . 321
Burlington, Vt.: Freedom Train. 539
Burma. 209, 576
Burma-Vita Company, Minneapolis. 316, 324
Signs. . . . . color plate, page 324
Burnt Creek, Quebec. 448, 526
Burrows, George. . . . . 641; ill. 654
Burubala (mythical place). 758
Buryat Mongol (autonomous republic), R. S. F. S. R. . 528
Bus
Andorra. . . . . color plate, page 280
School: Micmac Indian: Canada. . . . . ill. 499
"Bus Andy" (Andrew G. Anderson). 207
Buses: Greece. 716
"Bush planes": Alaska. 510, 523
Busy Fairbanks Sets Alaska's Pace. By Bruce A. Wilson. With 11 ills. in color from natural-color photographs by O. C. Sweet, 8 ills. in black and white, Oct. 505–523
Busycon contrarium (whelk). . . . . color plate, page 45
Butler, Nancy. . . . . ill. 119
Butler Valley, Utah. 404
Butter: Minnesota. . . 316, 317, 322; color plate, page 313
"Butter beans." *See* Bean, Lima
Buttercup (shell). . . . . color plate, page 44
Butterfly Shells. *See* Coquinas Shells
Byrd, Senator Harry Flood. 17, 25
Byrd, Rear Adm. Richard E. . . . . 253, 260; ill. 256, 261
Byzantium (ancient city). 743

C

C-47's (airplanes). 525, 655
Cargo plane: Arctic regions. 570
C-54's (transport planes). 525
Northwest Territories, Canada. 570
C-82 (airplane): Northwest Territories, Canada. 570
C-I-L. *See* Canadian Industries Limited
CAA. 98
Cabbages
Brassica oleracea variety *capitata*. . . 174; ill. 146; color plate, page 175
Chinese. . . . . 215; color plate, page 214
Red. . . . . 174; color plate, page 175
Cabinet members, U. S. 601
Cabins
Field: Cascades, Oreg. . . . . 697, 701, 703; ill. 692
Log: Fairbanks district, Alaska. . . . 507; color plate, page 511
Summer: Lake of the Woods, Oreg. 695
Cacouna, Quebec. 448
Cadets, VMI, with dates: Lexington, Va. . . . . ill. 6
Caesar, Julius. 845, 847
Caesar, Orville S. 297
Caesar Augustus. 179, 845, 848
Caesars, The: Martial exploits of. 845
Cafés
Parisian: Pigeons for. . . . . ill. 414
Sidewalk: Escaldes, Andorra. . . . . ill. 263
Cahuenga Pass, Calif. 106
Calabazas (gourds). 162
Calabria, Italy. 845
Caledon Bay, Australia. 430
Calf Creek, Utah. . . . . color plates, pages 398–399
Calgary, Alberta, Canada. 526
"Calico Peak," Utah. . . . . color plate, page 400
Calico Scallop. . . . . 60; ill. 34; color plate, page 46
California. 522, 571, 573, 575
Shells. 48, 61
Skyway. . . . 106–108; air views 100–101, 105; ill. 104

Page

California—(Cont.)
Snow survey ... 691, 703, 710
Vegetables ... 148, 181, 198
California Oregon Power Company ... 701
California Packing Corporation (Del Monte) ... 600
Calle 16 de Septiembre, Ciudad Juárez, Mexico ... 102
Calliostoma cunninghami (shell) ... color plate, page 67
haliarchus ... color plate, page 71
Callista lilacina (shell) ... color plate, page 69
Calvary (penance place), N. Mex ... 823, 828
Calwell, Honorable Arthur A ... 745
Camaracoto Indians: Venezuela ... 655, 656, 657, 658, 659, 662, 664, 665, 666, 679, 683, 684, 685, 686, 687, 688, 689, 690; ill. 656, 663, 664, 685, 686, 687, 689; color plates, pages 668, 669, 672, 673, 674, 675, 676, 677, 678, 680, 681
Camarata Valley, Venezuela ... 656
Cambaluc (Peking) ... 337
Cambridge, Mass ... 217
Cambridge Bay, Victoria Island, Canada ... 496, 504
"Camel of the far north" (reindeer) ... ill. 498
Cameo Shell ... 63
Cameron, Allen ... 369, 382, 386
Cameron, Kelly ... 369, 403, 404; color plate, page 395
Camp, Paul ... color plate, page 622
Camp
Cree Indian ... color plate, 482
Expedition: Oenpelli, Arnhem Land ... color plate, page 761
Micmac Indian ... color plate, page 493
Naskapi Indian ... color plate, page 480
Venezuela expedition ... color plate, page 673
Camp Ripley, Minn ... 291
Campbell, U. S. S ... 558
Campfire, dries clothing: Venezuela ... ill. 690
Camps: Greece
Communist sympathizers ... 711, 712; color plates, pages 738, 739
Refugee ... 716, 721, 722, 728; color plate, page 740
Canada ... 567, 568, 575
Hearty Folk Defy Arctic Storms. 16 ills. in color from paintings by W. Langdon Kihn. Oct ... 479–494
Nomads of the Far North. By Matthew W. Stirling. Paintings by W. Langdon Kihn. 13 ills. in black and white, 16 ills. in color. Oct ... 471–504
Top of the World: The National Geographic Society's New Map of Northlands. Text accompanying special map supplement in colors. Oct. ... 524–528
Vegetables ... 174, 189, 191, 206
See also Northwest Territories; Quebec
Canada Steamship Lines ... 438
Canadian Arctic ... 524
Canadian Government ... 568
Department of Transport ... 525
Canadian Industries Limited (C-I-L), Canada ... 452
Canadian National Railways ... 450
Canadian Pacific Railway ... 433
Canales (rainspouts) ... 790
Canberra, Australia ... 747, 766, 767
Cancellaria nodulifera (shell) ... color plate, page 74
reticulata ... color plate, page 46
trigonostoma ... 64; color plate, page 71
Cancer research: University of Minnesota ... 315
Candy, Children receive: Groote Eylandt, Australia ill. 754
Candy Stick (shell) ... color plate, page 46
Canillo, Andorra ... 262, 265, 290; color plate, page 284
Cannery
Hawaiian Pineapple Company, Ltd. (Dole), Honolulu ... 578; ill. 573
Timberville, Va ... color plate, page 13
Cannonville, Utah ... 369, 370; color plate, page 376
Canoe
Kayak ... 496
Twin-hulled: Honolulu ... color plate, page 584
War, Shells decorate: New Georgia (island) ... ill. 39
Woodskin: Río Carrao, Venezuela ... color plate, page 677, 678–679
Canoe derby: Minnesota ... 304
Canoe Shell ... color plate, page 44
Canoeists
Daicey Pond, Maine ... color plate, page 238
Lac Beauport, Quebec ... color plate, page 460
Minnesota lake ... ill. 317
Trail riders: Minnesota ... color plate, page 300
Canoes
Birch-bark: Indians, Northern ... 476, 478, 495; color plates, pages 482, 490, 493
Dugout: Venezuela ... 655, 657, 662, 663, 665, 666, 672, 677, 683, 690; ill. 658; color plates, pages 676, 680
Outrigger: Hawaii ... ill. 508; color plate, page 585
Canol oil pipe line, Yukon ... 526
Cantaloupe ... 198; color plate, page 199
Canteen, Bob Branstead fills ... ill. 705
Cantharidus irisodontes (shell) ... color plate, page 72
opalus ... color plate, page 66
Canton, China ... 367

Page

Canton Island: Eclipse expedition (1937) ... 260
Canyon Road, Los Alamos, N. Mex ... 809
Cap
Fur-lined, Sealer's: Greenland ... ill. 544
Sealskin, Boy wears: Greenland ... ill. 550
Cap de casa (head of the family): Andorra ... 268, 285, 290
Cap d'Espoir, Quebec ... 450
Cape Breton Island, Canada ... 478, 493, 503
Cape Verde Islands, Atlantic Ocean ... 615, 637, 638
Capes, Festival: Honolulu ... color plates, pages 586, 587
Capitol
Honolulu ... 578
Quebec, Canada ... color plate, page 439
St. Paul, Minn ... 298; ill. 293; color plate, page 310
Figure of Paul Bunyan ... color plate, page 299
Washington, D. C ... air view 92
Caps, Scottish, Medals pinned on: Quebec ... color plate, page 445
Capsicum frutescens (garden pepper) ... 166
Capua, Italy ... 847
Capuchin missionaries: Venezuela ... 665
Car auctions: East Jackson Airport, Miss ... 98, 99
Caracas, Venezuela ... 655, 658, 669
Caracas-Maiquetía road, Venezuela ... 656
Carbonate slate: Minnesota ... 296–297
Card-table top, Shell ... ill. 84
Cardona, Capt. Felix ... 657–658
Cardona, Sabas (Indian) ... 657, 658, 662, 666, 669, 675, 687; color plate, page 677
Wife and children ... color plates, pages 660, 675
Cardoon ... 181, 187; color plate, page 180
Caribbean Islands ... 654
Caribou
Arctic regions ... 570
Eskimos hunt ... 489; ill. 498
Indians, Northern, hunt ... 471, 473, 478, 480, 492, 504; color plate, page 490
Caribou-eaters (Indian tribe) ... 471
Caribou skins, Eskimo wears ... ill. 561
Carleton College, Minn ... 336
Carlisle, Pa ... 1
Carnegie, Andrew ... 140, 142
Portrait of ... ill. 128
Carnegie-Illinois Steel Corporation ... 123, 139
Homestead plant ... ill. 123
Carnegie Institute, Pittsburgh ... 140; ill. 127, 128
Carnegie Institute of Technology, Pittsburgh ... 140; ill. 131, 141, 142
Carnegie Palettes ... 127
Carnival, Winter: Fairbanks, Alaska ... 516; ill. 523
Caroní, Río, Venezuela ... 656
Carp canning: Mankato, Minn ... 331
Carpentaria, Gulf of, Arnhem Land ... 745, 746, 756, 775
Carrao, Río, Venezuela ... 660, 665, 666, 683, 684, 690; ill. 661; color plates, pages 676, 677, 678–679
"Carriage Road": Mount Washington, N. H ... color plate, page 240
Carriages, Horse-drawn: Canada ... color plates, pages 443, 469
Carrier (Indian tribe) ... 471, 476
Carrier Shells ... 58, 64; color plate, page 43
Carroll, James J ... 651
Carroll Island, Tex ... 651
Carrots ... 150, 200; color plate, page 201
Carson, Kit ... 784
Carson National Forest, N. Mex ... 827
Cart, Mule: Greece ... color plate, page 729
Carter Hall, Millwood, Va ... color plate, page 10
Carter Range, N. H ... 222
Carthage (ancient city) ... 181
Cartier, Jacques ... 174, 189, 431, 450, 454, 457
Cartoon tribute, to Gilbert Grosvenor ... ill. 260
Carts
Dog: Montmorency Falls, Quebec ... color plate, page 469
Mule: Azores ... color plate, page 634
Carvings
Animal, on building: Andorra (town) ... ill. 289
Stone, Ancient Maya ... ill. 151
Casa la Vall (parliament building), Andorra ... 268; color plate, page 277
Casaba (melon) ... 198
Cascade Range, Oreg.-Wash.
Sno-Cats Mechanize Oregon Snow Survey. By Andrew H. Brown. With illustrations from photographs by John E. Fletcher. 19 ills., 1 third-page map. Nov ... 691–710
Cascapédia (river), Quebec ... 451
Cases, Document: Freedom Train ... ill. 540, 542
Cassava bread: Venezuela ... 658, 662, 683, 684, 686; ill. 663
Cassino, Italy ... 848
Cassiope tetragona (firemoss) ... ill. 565
Casuarina trees: Florida ... 33
Cat, Native, photographed with sardines: Arnhem Land ... 779; ill. 781
Catalan (language): Andorra ... 265, 266, 268, 271, 276
Catalinas (flying boats) ... 426, 429, 745
Catawba Lake, N. C ... 95
Cathedral, New, Athens, Greece ... 715

Page

Cathedral of Learning, University of Pittsburgh. 137, 138, 139; ill. 124-125
Cathedral Pines (mountain), Conn. 226
Cather, Willa (author) 790
Catholic University, Peiping 363
Catholicity, molding force in Quebec 454
Catjang (plant) 211
Cato (philosopher) 845
Cat's cradles. *See* String games
Cattle, Dairy
  Maryland color plate, page 12
  Minnesota 293
Caucasians: Hawaii 575, 579
Caucasus (mountains), U. S. S. R. 166, 183, 185, 187, 528
Cauliflower 177; color plate, page 176
Cave Hill, Grand Caverns, Va. color plate, page 16
Cavemen, European 204, 205
Cavenar, Lt. Bobby Joe 525
Caverns: Virginia 21
Caves
  Aboriginal cliff-dweller: New Mexico 814; ill. 812
  Arnhem Land, Australia 755, 779; ill. 777, 778
Cayenne, French Guiana 166
Cayenne (pepper) 166
Celeriac 185; color plate, page 184
Celery 182, 185; color plate, page 184
Cellana testudinaria (shell) color plate, page 68
Cellulose, used in frankfurter casings 137
Celts (people) 172, 174, 183
Cement, Imported: Hawaii 575
Cement plants: Mankato, Minn. 331
Cemetery: Tadoussac, Quebec color plate, page 457
Central Administration of the Northern Sea Route 527
Central Airport, Calif. 106
Central America 657
  Vegetables 148, 149, 151, 152, 155, 157, 159, 161, 162, 166, 202; color plate, page 158
Central Park, Peiping 359
Cerithium nodulosum (shell) color plate, page 68
Cervantes (Spanish novelist) 264
Cessna 602 (plane) ill. 87, 92, 97, 99, 103, 107
Cessna Aircraft Company 85
Cessna Aircraft Field, Wichita, Kans. 85, 108
Ceylon: Shells 48, 61, 62
Chains, at border: Andorra color plate, page 270
Chair, Chippendale reproduction: Harrisonburg, Va. ill. 5
Chama congregata (Thorny oyster) color plate, page 50
  lazarus color plate, page 50
Chama River, N. Mex. 819
Chama River country, N. Mex. color plate, page 804
Chambered Nautilus 57, 63; ill. 36, 37; color plate, page 65
Chambersburg, Pa. 1, 4
Champagne, Freedom Train dedication ill. 532
Champlain (explorer) 431
Chang An Chieh (street), Peiping 340
Chang Chun (Taoist monk) 368
Chansons du Pays 433
Chapel: Tadoussac, Quebec color plate, page 457
Chaplet, Cowry shell, Libian dancer wears ill. 38
Chard, Swiss (*Beta vulgaris* variety *cicla*) 187; color plate, page 186
Charivari, Minnesota style 331
Charlemagne (French ruler) 174, 206, 208
Charles (English prince) 524
Charles VIII (French king) 198
Charles Town, W. Va. 8
Charlies Bunion (mountain), Tenn.-N. C. ill. 228
Charlotte, N. C. 95; air view 103
Charlottesville, Va. 24
Charonia tritonis (shell) color plates, pages 67, 68, 80
Chart, Girls mark oil findings: Pittsburgh ill. 143
Charts, Aeronautical. Pilot studies: Atlanta, Ga. ill. 86
Charybdis (ancient monster) 847
Chase the Thief (lane), Peiping 363
Chasm Island, Arnhem Land 755
  Beaches color plate, page 764
  Paintings, Rock color plate, page 762
Château Frontenac, Quebec City 433, 443, 445; ill. 434; color plates, pages 440, 444
Château of Blois, France 57, 61, 80
Château St. Louis, Quebec City 433
Chattahoochee (river), Ga. 236
Chattanooga, Tenn. 239
Chavez, Father Angelico (Franciscan) 824; ill. 830
Checkerboard (shell) color plate, page 44
Cheese making: Faribault, Minn. color plate, page 330
Chena River, Alaska 517, 519; color plate, page 512
Chena River Valley 519
Cheoahs (mountains), Tenn. 219
Cherokee Indians 236
Chesapeake and Ohio Canal 91
Chesapeake and Ohio Canal Company 2
Chesapeake and Ohio Railway 24
Chesapeake and Potomac Telephone Companies 257, 258
Chesapeake Bay, Md.-Va. 8
Chevy Chase Club, Md.: Jubilee Dinner. 253; ill. 257, 258, 260

Page

Chiang Heng (Chinese) 367
Chicago, Ill. 528, 846
Chicken (mining camp), Alaska 510
Chicoutimi, Quebec 438
Chieftains, Native: Wahgi Valley, New Guinea ill. 834
Chien Lung (Manchu emperor) 338, 346, 363, 367
Chien Men (gate), Peiping 337, 339, 341; color plate, page 362
Chien Men Street, Peiping 367; color plate, page 356
Chihli (Chinese cabbage) 215
Chihuahua (state), Mexico 102
Chilcotin (Indian tribe) 471
Child
  Sits in Giant Clam shell ill. 83
  Woman and, inspect shell ill. 34
Children
  Andorra color plates, pages 271, 274, 279
  Arnhem Land, Australia 758; ill. 425, 753, 754, 757, 780; color plates, pages 764, 766, 767
  Eskimo ill. 500, 504, 550; color plates, pages 485, 486, 515, 518
  Freedom Train ill. 534, 535, 540, 541, 542
  Greece ill. 725, 744; color plates, pages 728, 733
  Kutchin Indian 474
  Lapp color plates, pages 113, 116
  Micmac Indian ill. 499, 503
  Minnesota: Tobogganing color plate, page 329
  New Mexico 784, 809, 814; ill. 789, 808, 809, 825, 826, 827, 828; color plates, pages 791, 793, 795, 805, 820, 821
  Oahu (island), Hawaii ill. 572
"Children's city," Greece 716
Childreth, Bill 703
Chile 575, 647
  Vegetable plants 152, 157, 166
Chili (hot peppers) 166
Chili con carne (food) 166
Chimayo, N. Mex. 789, 808, 811, 813, 816, 823, 826; color plate, page 805
Chimney Rock, Utah color plate, page 387
Chin (rulers) 363
China 573, 575, 576
  Ginseng exported to 20
  Shells 61
  Vegetables 149, 150, 151, 168, 187, 191, 193, 196, 200, 202, 204, 209, 211, 213, 215, 217; color plates, pages 212, 214, 216
  See also Peiping
China Memorial Classroom, University of Pittsburgh ill. 136, 130
China Rose (radish) 213
Chinese (people) 149, 150, 198, 212, 215
  Hawaii 575
Chinese Alphabets (shells) 60; color plate, page 44
Chinese and United States Marine Command 359
Chinese City, Peiping 339, 348, 362, 367; sketch 340
Chinese classics on stone tablets 367
Chinese New Years: Honolulu 595
Chinese Republic 337, 347, 359
"Chinle formation": Calico Peak, Utah color plate, page 400
Chione pachyphylla (shell) color plate, page 75
  undatella color plate, page 75
Chipewyan Indians 471; color plate, page 492
Chippewa (Indians) 471, 476
  Minnesota 321
Chiricahua Mountains, Ariz. 94, 103
Chisholm, Minn. 298
Chiton albolineatus (shell) color plate, page 54
  cumingi color plate, page 54
  laevigatus color plate, page 54
  tuberculatus color plate, page 54
Chitons (mollusks) 37, 63; color plate, page 54
Chives 202; color plate, page 203
Chlamydoconcha orcutti (clam) ill. 60
Chlamys imbricatus (shell) color plate, page 43
  mildredae color plate, page 43
  nodosus color plate, page 43
  senatorius nobilis color plate, page 66
Chloraea sirena (snail) color plate, page 70
Chlorine, Uses of 131
Choir, St. Olaf Lutheran, Northfield, Minn. ill. 333
Cholla cacti: Arizona 106
Chopsticks, Japanese Americans use: Hawaii ill. 596
Chorney, Paul 570
Chorten: Peiping color plate, page 348
Chow, (Miss) Fu Yeng color plate, page 355
Chowder, Conch 35
Chris-Craft cruiser (boat) 641
Christ
  Portrait of: Makronísi island 712
  Statue, Holy Child: El Santuario 823
Christian Era 172, 174, 179, 180, 181, 187, 189, 194, 196, 198, 200, 204, 206, 213, 848
Christians, Early, and Christianity 845, 847
Christiansen, Olaf C. ill. 333
Christmas trees, small-size: Duluth 291, 306, 321-322
Chugach Mountains, Alaska ill. 506
Chunky Gal Mountain, N. C. 236

Page

Church, Dr. J. E. 710
Church
  Elcho Island, Arnhem Land 429
  New Mexico ill. 808
Churches: Pittsburgh 140, 141
Churchill, Winston 431
Churchill, Manitoba, Canada color plate, page 492
Churún, Río, Venezuela 665, 666, 671, 683, 684, 685, 688, 690; color plate, page 667
Churún Canyon 655, 666, 683, 684, 685, 688, 690
Chuvash (autonomous republic), R. S. F. S. R. 528
Cicero (orator) 845, 848
Cichorium intybus (endive) 179
Cicuta (water hemlock) 183
Cigar, Giant, Man smokes: Andorra ill. 267
Cigarette paper, Seed-flax straw: Minnesota 292
Cincinnati, Ohio 140
"Circle City." *See* Corona, Calif.
Circleville, Ohio 43, 58
Circus Maximus, Rome 847
Cirencester Agricultural College, England 177, 183
Cirque des Pessons, Andorra color plates, pages 275, 281
Citadel, Quebec City 431; ill. 434, 435
Citation of Honor, AFA pays tribute to The Society ill. 846
Citizenship class, St. Paul's International Institute color plate, page 307
Citrullus vulgaris (watermelon) 193; color plate, page 192
Citrus groves: Corona, Calif. air view 100-101
City Hall, Hagerstown, Md. 8
City inspectors, study smoke clouds: Pittsburgh ill. 129
City of Beautiful Fountains (Kalá Vrita), Greece 743
City of Children: Greece 716
City of Rochester (plane), Illustration of, Rochester restaurant ill. 336
Ciudad Bolívar, Venezuela 656, 659, 664, 685, 690
Ciudad Juárez, Mexico 102
Civic Center, Pittsburgh 125, 137, 140
Civil Air Regulations 98
Civil War
  Greece 713, 716
  Spain 262
  United States 1, 8, 11, 17, 155
Civilian Conservation Corps 236
Clairton Works (steel mill), Pittsburgh 123
Clam
  "Naked" ill. 60
  Venus mercenaria color plate, page 42
Clarence Strait, Australia 417
Clark, Mr. and Mrs. Dowsley 711
Clark, Doyle 369
Clark, Supreme Court Justice Tom ill. 531
Clark, Wilfred 369
Clark Bench, Utah 379
Clarke, John Mason (geologist) 450
Clarke county, Va. 17
Classical Lands
  The Society's New Map of Classical Lands. Text accompanying special map supplement in colors. 1 ill., Dec. 845-848
  See also Greece
Claudius, Appius 847
Clavering Island, Greenland 555
  Snowy owl ill. 565
Claymont Court, W. Va. 8
Clear Spring, Md. 12
Cleopatra, Anthony and 848
Cleveland, John 87, 95, 98; ill. 99
Cleveland, Ohio 528
  Freedom Train ill. 536-537
Cliff Lake, Oreg. 708
Cliffs
  Percé, Quebec color plate, page 455
  Sandstone-gypsum: New Mexico color plate, page 804
Cliffside village, Eskimo color plate, page 491
Climbing club: Hood River, Oreg. 708
Clingmans Dome, N. C.-Tenn. 235, 239, 247
Clinton, Md. 91, 97
Cloister, Trappist, Mistassini, Quebec 447
Cloth whip: Pigeon netting ill. 405, 408
Clothing
  Aboriginal: Arnhem Land 420, 752, 755-756; ill. 423
  Andorra color plate, page 271
  Basques ill. 413
  Cowboy, Visitors': New Mexico ill. 780
  Cree Indian 476-477
  Eskimo 481, 495, 501-502, 504, 505; ill. 496; color plates, pages 486, 518
  Greenland ill. 544, 550, 564
  Honolulu 596-597
  Kutchin Indian 473; color plate, page 479
  Lapland color plates, pages 109-116
  Micmac Indian 478; color plate, page 493
  Naskapi Indian 478; color plate, page 480
  New Guinea native ill. 831, 832, 833, 834, 835, 836-837, 838, 839, 840, 841, 842, 843, 844
  Old Bering Sea people 497
  Winter: Minnesota color plates, pages 328, 329
  See also Costumes

Page

Cluett, Peabody & Co., Inc., of Troy, N. Y. 298
Clyde, Baffin Island, Canada ill. 569
Coal: Pittsburgh 117, 123, 130, 135
Coal Hill, Peiping 346; color plate, page 350
Coat, Reindeer skin, Man wears: Greenland ill. 544
Coat of arms: Casa la Vall, Andorra (town) color plate, page 277
Coats, Mandarin, Peiping collector's color plates, pages 354, 355
Cobourg Peninsula, Arnhem Land 417, 775, 781
Cobwebs, in cave: Arnhem Land ill. 777
Cochiti Pueblo, N. Mex. 830; color plate, page 820
Cockburn, Cape, Australia 418
Cockles (shells) 58
"Cockroach committees," hunt insects: Arnhem Land 751, 756
Coconut Island (resort), Hawaii 601
Cod: Quebec 449, 450
Coffee brewer, Lapp color plate, page 116
Coffeemaker roasts coffee: Andorra color plate, page 279
Coffin, Bark cylinder: Arnhem Land 758
Coin pitching: Basque men ill. 412
Coins: Fairbanks, Alaska 506
Colbert, Rear Adm. L. O. ill. 256
Colbert, Mrs. L. O. ill. 257
Cold Spring Granite Company, Minn. 331
Cold Spring Men's Chorus 331
Cold-storage plant: Broadway, Va. ill. 18
Collards 172; color plate, page 173
Collector, Shell: Sanibel Island, Fla. ill. 58
Colleges: Minnesota 336
Colonists, French: Louisiana 194
Color inserts
  Adobe New Mexico. 28 ills. in color from natural-color photographs by Justin Locke. Dec. 791-822
  Appalachian Valley Pilgrimage. 18 ills. in color from natural-color photographs by Justin Locke and J. Baylor Roberts. July 9-32
  Because It Rains on Hawaii. 32 ills. in color from natural-color photographs by W. Robert Moore, Stewart Fern, Thomas W. McKnew, and others. Nov. 579-610
  Busy Fairbanks Sets Alaska's Pace. 11 ills. in color from natural-color photographs by O. C. Sweet. Oct. 511-518
  Exploring Stone Age Arnhem Land. 25 ills. in color from natural-color photographs by Howell Walker. Dec. 759-774
  First Motor Sortie into Escalante Land. 27 ills. in color from natural-color photographs by Jack Breed. Sept. 371-402
  Gilbert Grosvenor's Golden Jubilee. 1 portrait in color of Dr. Grosvenor by Charles J. Fox. Aug. 252
  Hearty Folk Defy Arctic Storms. 16 ills. in color from paintings by W. Langdon Kihn. Oct. 479-494
  Incredible Andorra. 19 ills. in color from natural-color photographs by B. Anthony Stewart., Aug. 269-284
  Jungle Journey to the World's Highest Waterfall. 17 ills. in color from natural-color photographs by Ruth Robertson. Nov. 667-682
  Lapland's Reindeer Roundup. 14 ills. in color from natural-color photographs by Göran Algård and William J. Storz. July 109-116
  Minnesota Makes Ideas Pay. 32 ills. in color from natural-color photographs by John E. Fletcher, B. Anthony Stewart, and others. Sept. 299-330
  New Discoveries on the Mid-Atlantic Ridge. 23 ills. in color from natural-color photographs by Robert F. Sisson. Nov. 619-634
  Our Vegetable Travelers. 32 ills. in color from paintings by Else Bostelmann. Aug. 154-216
  The Pink Birds of Texas. 14 ills. in color from natural-color photographs by Paul A. Zahl. Nov. 643-650
  Power Comes Back to Peiping. 18 ills. in color from natural-color photographs, U. S. Marine Corps, Official, by Lt. David D. Duncan. Sept. 347-362
  Quebec's Forests, Farms, and Frontiers. 35 ills. in color from natural-color photographs by John E. Fletcher, Kenneth S. Johnson, and Andrew H. Brown. Oct. 439-470
  Shells Take You Over World Horizons. 41 ills. in color from natural-color photographs by Rutherford Platt. July 41-80
  Skyline Trail (Appalachian Trail) from Maine to Georgia. 16 ills. in color from natural-color photographs by Robert F. Sisson. Aug. 237-251
  War-torn Greece Looks Ahead. By Maynard Owen Williams. 21 ills. in color from natural-color photographs by the author and B. Anthony Stewart. Dec. 727-742
Colorado
  Mountains 783
  Snow survey 710
Colorado River, U. S. 106

Page

Colorado River, U. S.—(Cont.)
Escalante region ..... 369, 379, 382, 383, 388, 397, 398, 401, 402, 403, 404; color plates, pages 378, 394, 401
Colosseum, Rome, Italy 847
Colossus of Rhodes (statue) 847
Columba palumbus (wild wood pigeon) 405
Columbella fulgurans (shell) ..... color plate, page 72
mercatoria ..... color plate, page 72
pardalina ..... color plate, page 72
Columbia River, Oreg.-Wash. 691, 693, 708, 710
Columbia River Basin, Oregon region 710
Columbia University: Expedition, Mid-Atlantic Ridge 611, 636
Columbia Valley, Oregon region 695, 708
Columbus, Christopher 149, 151, 157, 158, 159, 166, 167, 168, 196, 198, 206, 213, 575
Letter, aboard Freedom Train 529
Colville River, Alaska 526
Comanche war dance: New Mexico 814
Combines, harvesting grain: Minnesota ..... color plate, page 312
Comedians, Eskimo ..... color plate, page 494
Commander-Larabee (flour mill) 316
Commandos, Greek 717
Commissary, American: Athens, Greece 713
"Common bean," includes several types 159
Commons Room, Gothic, University of Pittsburgh ..... 138; ill. 124-125
Commonwealth Government of Australia 745
Commonwealth Minister for Immigration and Information: Australia 745
Communists
China ..... 337, 341; ill. 338, 364, 368
Greece 711, 712, 714, 716, 726, 728, 729, 736
"Concentration camp," Communist sympathizers, Makronisi island ..... 711, 712; color plates, pages 738, 739
Concert, Christmas, St. Olaf Lutheran Choir 333
Conchology. *See* Shells
Conchs (shells). *See* Triton's Trumpets; Whelks, Left-handed
Concord, N. H. 431
Condenser, Electric-power, Workers assemble: Pittsburgh ..... ill. 134
Cones (shells) ..... 63; color plate, page 53
Confederate Memorial, Stone Mountain, Ga. ..... air view 93
Confucian Temple, Peiping 367
Congo, Africa: Okra 194
Connecticut 543
Cathedral Pines 226
Connecticut (river), U. S. 219
Connor, Dr. Frank H. E.: Photograph by ..... ill. 317
Conquistadores 156, 157
Consolidated Vultee 525
Constable, Frederick A. 73, 81
Constable, Mrs. Frederick A. 81
Constantinople, Turkey. *See* Istanbul
Constitution, U. S. 529, 532
Constitution Hall, Washington, D. C. ..... 253, 260; ill. 254, 256, 261
Constitution Square, Athens, Greece ..... 713, 714, 731; ill. 714
Constitutional Convention (1787) 532
Contest, Fishing-through-the-ice, St. Paul, Minn. ..... ill. 332
Contests, Athletic: Greek 716
Continental Congress 535
Controls, Automatic, Research production: Minnesota 316
Conus achatinus (cone shell) ..... color plate, page 53
aulicus ..... 63; color plate, page 53
aureus ..... color plate, page 53
cinereus ..... color plate, page 69
consul ..... color plate, page 53
d'Orbignyi ..... color plate, page 53
floridanus ..... color plate, page 47
fulmen ..... color plate, page 53
geographicus mappa ..... color plate, page 73
geographus ..... 63; color plate, page 53
glans ..... color plate, page 53
hebraeus ..... color plate, page 53
lithographus ..... color plate, page 53
lividus ..... color plate, page 67
lucidus ..... color plate, page 53
marmoratus ..... color plate, page 53
monilis ..... color plate, page 53
mustelinus ..... color plate, page 53
nussatella ..... color plate, page 53
princeps ..... color plate, page 53
purpurascens ..... color plate, page 53
regius ..... color plate, page 43
rhododendron ..... color plate, page 73
rosaceus ..... color plate, page 53
sosoni ..... 58; color plate, page 43
spurius atlanticus ..... color plate, page 44
tulipus ..... color plate, page 53
victoriae ..... color plate, page 73
Convent: Greece ..... color plate, page 742
Cook, Al 721
Cook, Hans ..... ill. 640
Cook, Capt. James: Hawaii 578, 580, 597

Page

Cooking
Eskimo, in snowhouse ..... 501; color plate, page 485
Hawaii ..... color plate, page 609
Kutchin Indians 473
Micmac Indians ..... color plate, page 493
Sno-Cat expedition ..... ill. 699
Cooperative. *See* Land O'Lakes Creameries, Inc.
COPCO. *See* California Oregon Power Company
Copperas (ferrous sulphate) 207
Coppermine, N. W. T., Canada 472, 504
Coquinas Shells ..... 61; color plate, page 48
Coral reefs: Arnhem Land 758, 775
Corals, Fan ..... ill. 36
Corculum cardissa (shell) ..... color plates, pages 73, 75
Corcyra (island). *See* Corfu
Cordon, Keith (quartermaster) 750, 775
Cordova, N. Mex. 823
Corfu (island), Greece 845
Corinth, Greece 847
Corinth Canal ..... 721, 725; color plate, page 734
Corinthians I, II (Bible) 847
Cormorants (birds): Texas 651
Corn
Ear of, Hiker eats ..... color plate, page 247
Hybrid 155
Minnesota 295, 303
Sweet (*Zea mays* variety *saccharata*) ..... 155; color plate, page 154
Corn Dance, Indian: New Mexico ..... 814; color plates, pages 815, 817
Corn God, sows maize, Carving of ..... ill. 151
Corner of the Beach, Quebec 450
Cornhusking: Rockingham County, Va. ..... color plate, page 30
Cornhusking champion, National (1930's) 292
Cornstalk (Indian chief) 232
Cornwall Island, N. W. T., Canada 570
Cornwallis Island, N. W. T., Canada ..... 525, 568, 569, 570; ill. 562
Corona ("Circle City"), Calif. ..... air view 100-101
Coronado, Francisco Vásquez de 784, 790
Coronation Ball, Minneapolis 304
Corpus Christi, Tex. 642, 651
Corral, Circular, for caribou ..... 473; ill. 408
Corroboree (tribal song and dance): Arnhem Land ..... 430, 745, 772, 775, 780; color plate, pages 770-771
Cort Adelaer, Cape, Greenland ..... 552; ill. 556
Cortés, Hernando 202
Cortez, Colo. 369
Costumes
Basque beret ..... ill. 413
Colonial: Boston, Mass. ..... ill. 542
Fiesta: New Mexico ..... ill. 784; color plates, pages 794, 795
Greece ..... color plates, pages 727, 730, 731
Honolulu ..... color plates, pages 586, 587, 609
Indian: New Mexico ..... color plates, pages 815, 817, 822
Mormon descendants: Utah ..... color plate, page 389
See also Clothing
Cottam, Louis F. 827
Cottonwood trees: New Mexico ..... color plate, page 799
Cottrell, Ernest J. 85, 86, 90, 91, 95, 98, 102, 106, 107
Council General: Andorra 268, 285, 286, 287, 290
Country Gentleman (corn) 155
Counts of Foix 268
Courtiers, Queen's, Kamehameha parade: Honolulu ..... color plate, page 587
Cousineau, Yvon 438, 447
Cowgirls: Santa Fe, N. Mex. ..... color plate, page 800
Cowles, Gardner 298
Cowles, John 298
Cowles, N. Mex. 783, 829
Cowpeas ..... 211; color plate, page 210
Cowries (shells) ..... 39, 64; ill. 37, 38, 62
Cox, Sam 403
"Coxcomb Trail," Utah 379
Cradle
Cloth-covered: Lapland ..... color plate, page 116
Kutchin Indian ..... 474; color plate, page 479
See also Bag, Moss
"Cradle of Hercules" ..... ill. 723
Crag Rats (climbing club): Oregon 708
Cranes, Whooping: Texas 651
Crappie (fish): Minnesota 332
Crater, Diamond Head, Honolulu ..... color plate, page 605
Crater Lake, Oreg. ..... 698, 699, 700; ill. 700
Crater Lake National Park ..... 695; ill. 700, 709
Crawford Notch, N. H. 229
Crawford Path, N. H. 229
Cream Crowder (peas) 211
Creameries: Minnesota 322
Cree Indians ..... 471, 476-478, 482; ill. 477; color plate, page 482
Plains tribe 476
Woodland tribe 476
Creepers, Ice: Eskimos 495
Crepidula fornicata (Canoe shell) ..... color plate, page 44
Crescent Lake, Oreg. 703
Crescent Rock Overlook, Va. ..... color plate, page 246

Page

Crete (island), Greece ... 715, 716, 845
Criminals, thrown from cliffs: Apollo's festival ... 848
Cripple-Ester field (gold), Alaska ... 507
Crocodile Islands, Australia ... 422, 426
Croker Island, Australia ... 417
Croker Island mission ... 417
Cro-Magnon Man ... 831
Crooked Island. *See* Isabela Island
Crooked Lake, U. S.-Ontario ... color plate, page 300
Crookston, Minn ... 322
Crosby, Margaret ... 724
Cross
  On pier: Petite Madeleine, Quebec ... color plate, page 458
  Penitente: New Mexico ... ill. 813
Crossing of the Fathers, Utah ... 379, 386, 403, 404; color plate, page 394
"Crowders" (peas) ... 211
Crowley, Alice ... ill. 719
Crown and shield: Greece ... color plate, page 739
Crown Conch (shell) ... color plate, page 45
Cruise to Stone Age Arnhem Land. By Howell Walker. With illustrations from photographs by the author. 10 ills., 1 half-page map, Sept ... 417–430
Crusoe, Robinson ... 777
Crustacea ... 36
Cryptochiton stelleri (shell) ... color plate, page 54
Crystal Caverns, Va ... 21
Ctesiphon (architect) ... 847
Cuai Rapids, Venezuela ... 665
Cub Cruiser (plane): Venezuela expedition ... 657; color plate, page 668
Cuba ... 573, 600, 642, 654
  Shells ... 33; color plates, pages 77, 78
Cuban Land Snails ... 82, 84
Cuckoo, Va ... 94
Cucumbers ... 147, 206; color plate, page 207
Cucumis (vegetable genus) ... 146
  anguria (gherkin) ... 206
  melo (muskmelon) ... 198; color plate, page 199
  sativus (cucumber) ... 206; color plate, page 207
Cucurbita maxima (winter squash) ... 162
  moschata (winter squash) ... 162
  pepo (summer squash) ... 162, 164; color plate, page 165
Cumberland County, Pa ... 1
Cumberland Valley, Pa ... 1, 4
Cumberland Valley Railroad ... 2
Cup, A. T. girl hiker catches water in ... ill. 232
Curiara (dugouts) ... 655
Curlation Process ... 447
Curlew, Bristle-thighed: Nesting place ... 255, 261
Currency
  Andorra ... 267, 288
  Australia: Northern Territory ... 420, 422
  See also Coins
Curry, Alaska ... 520
Curtain Falls, Minn ... color plate, page 300
Custis family: Bible ... 17
Customs inspector, examines baggage: Nogales, Ariz. ill. 107
Cuthbert Point, Australia ... 422
Cuyuna (Minnesota iron range), Naming of ... 295
Cyclops (Greek mythology) ... 723
Cymatium rubecula (shell) ... color plate, page 67
Cymbium aethiopica (Melo shell) ... color plate, page 69
  diadema (shellfish) ... ill. 83
Cymling. *See* Scallop, White Bush; Squash
Cynara scolymus (globe artichoke) ... 181; color plate, page 180
Cyphoma gibbosa (shell) ... color plate, page 46
Cypraea aurantium (shell) ... color plates, pages 66, 67
  mauritiana ... color plate, page 69
  moneta, Dancer wears ... ill. 38
  talpa ... color plate, page 68
  tigris ... color plate, page 68
  vitellus ... color plate, page 68
  zebra ... color plate, page 45
Cypraecassis testiculus (shell) ... color plate, page 73
Cyprus (island), Mediterranean ... 177

D

Dachshund, Woman with: Andorra shop ... ill. 264
Dagestan (autonomous republic), R. S. F. S. R ... 528
Daicey Pond, Maine ... color plate, page 238
Dairy Days: New Richmond, Minn ... 317
Dakar, French West Africa ... 638
Dalai Lama: Tibet ... 348
Dallas, Tex ... 98
Damaskinos, Archbishop ... 715
Dan River, Va ... 233, 235
Dance
  Aboriginal: Elcho Island, Arnhem Land ... 430
  Courtship, by flickers (birds) ... 316
  Kutchin Indians ... 475–476; color plate, page 483
  Eskimos imitate ... color plate, page 494
  Wahgi Valley, New Guinea ... ill. 843
  See also Corroboree
Dance Hall Rock, Utah ... 403; color plates, pages 388, 389
Dancer, Libian, wears shells ... ill. 38

Page

Dancers
  Arnhem Land, Australia ... color plates, pages 770–771, 772, 773
  Mormon descendants: Utah ... 403; color plate, page 389
  Native, in skeleton dance: French Sudan ... ill. 62
  Stilt, parade streets: Peiping ... ill. 344
  Swedish *Hambo*: Minnesota ... color plate, page 301
Dances, Indian: New Mexico ... 783, 790, 813, 814; color plates, pages 815, 817, 822
Dancing: Fairbanks, Alaska ... color plate, page 513
Daneborg. *See* Eskimonæs
Danes: Greenland ... 526, 555, 556, 568
Danish Government ... 568
Danube Basin ... 150
Danube (Ister) River ... 848
Danville, Va ... 94
DAR chapter, Pittsburgh ... 144
Dardanelles (strait) ... 150, 744
Darién, Panama ... 105
Dark Ages ... 209
Dartmouth College, Hanover, N. H ... color plate, page 237
Dartmouth Outing Club ... 222, 230
  Members ... color plate, page 237
Darwin, Australia ... 417, 418, 421, 423, 426, 429, 745, 749, 775, 782
Darwin Hospital ... 426
Daucus carota (carrot) ... 200; color plate, page 201
Daugaard-Jensens Land, Greenland ... 525
Davenport, Mr. and Mrs. P. O ... 651
Davis, Arthur Vining ("Mr. Aluminum") ... 130, 131; ill. 132
Davis, Dr. E. W ... 296, 297
Davis, Jefferson: Figure, Unfinished, Stone Mountain, Ga ... air view 93
Davis Gulch, Utah ... 404
Davis Lake, Oreg ... 703
Davis Path, N. H ... 222
Dayton, Ohio ... 91
Dayton, Va ... 23
DC-3's (planes) ... 448, 655, 656, 657, 662, 715
  Hawaii ... 597
DC-4 (plane) ... 336
"Dead March" (Greek funeral dirge) ... 715
Dean, Bill ... 703
Death Cart (carving): New Mexico ... 823, 824; ill. 828
Death Comes to the Archbishop (Cather) ... 790
Declaration of Independence ... 161
  Original draft: Freedom Train ... 529; ill. 535
Decoy, White cloth: Basque pigeon netting. *See* Cloth whip
Deep in the Heart of Texas (song) ... 345
Deer
  Minnesota ... 331
  Père David's: China ... 367
Deer Creek (canyon), Utah ... 370
Deer Leap Mountain, Vt ... ill. 227
Deer roper, Lapp ... color plate, page 110
Deignan, Herbert G. (ornithologist) ... 417, 418, 426, 749, 750, 755, 758, 776; ill. 746; color plate, page 760
Del Monte. *See* California Packing Corporation
Delahaye (automobile): Andorra ... 262
Delaware (river), Del.-Pa ... 219
Delawares (Indians) ... 139
Delmage, Norman ... 448
Delphic Festival: Greece ... 721
Demetrius (silversmith) ... 847
  Greek trade-unionist flag honors ... color plate, page 735
Demosthenes (orator) ... 743
Denmark ... 525, 544
Dennison, L. R ... 655
Dentalium elephantinum (shell) ... 64; color plate, page 67
Dentist chairs, University of Minnesota's School of Dentistry ... 315; ill. 296
Denver, Colo ... 785, 786
Department of Public Works, Pittsburgh ... 121
Department stores: Pittsburgh ... 118, 120, 130; ill. 130
Deschutes River, Oreg ... 703
Desert Beach Yacht Club, Calif ... ill. 104
De Soto, Fernando (explorer) ... 206
Detroit, Mich ... 528, 716
Detroit, Oreg ... 705
Deucalion (Greek Noah) ... 848
Devil Mountain. *See* Auyán-tepuí
Devil Mountain (Dennison) ... 655
Devils Pass, Cascades, Oreg ... 703, 707
Devils Peak, Cascades, Oreg ... 705
Devils Tater Patch, N. C ... 236
Diadora alternata (limpet) ... color plate, page 47
Diamond Head, Honolulu ... 595, 597; color plates, pages 584, 605
Diamond Lake, Oreg ... 696, 701
Didgeridoo (trumpet): Arnhem Land ... color plates, pages 770–771
Dietitian: H. J. Heinz Company, Pittsburgh ... ill. 132
"Digs," Agora: Greece ... 724
Dinosaur Hall, Carnegie Institute, Pittsburgh ... ill. 128
Dinwiddie, Gov. Robert ... 144
Diomede Islands, Alaska ... 496

Page

Dioscorea (potato genus) 168
Diplodocus carnegiei (dinosaur), Model of ill. 128
Dish Pan Ponds, Maine 236
Disks, Wooden (*Zimbelas*) ill. 406, 408
District of Columbia. *See* Washington, D. C.
Ditch of a Thousand People, Peiping 363
Dixon, Jeremiah 5
Djang, Dr. Helen color plate, page 28
Docks
  Duluth, Minn ill. 320; color plate, page 326
  Quebec City ill. 434-435
Documents. *See* Freedom Train
Dodecanese (islands), Greece 715, 721, 845, 848
Dodge, Joe 224
Dodson, Mrs. Carrie 230
Dodson, Charlie 226, 232
Dodson, Jim 510
Dog sledge, Count Micard drives ill. 548
Dog teams: Alaska 519, 522, 523
Doghouses: Greenland ill. 556
Dogs
  Arctic regions 547, 551; ill. 547, 548, 550, 551
  Eskimo ill. 472; color plate, page 487
  Mountain man and: Virginia color plate, page 250
  Siberian 522
  Sled 519
    Greenland ill. 550, 556
    Training for Arctic duty: Maine ill. 566
Dog's Neck (lane), Peiping 363
Dole, James D. 600
Dole (canning corporation) 600
"Dole" station: Agras, Greece ill. 725
Doll, "Sleeping," causes panic: Wahgi Valley, New Guinea 840
Domínguez, Padre Francisco Atanasio 379, 394
Don, Cape, Arnhem Land 417, 775
Don Quixote (Cervantes) 263
Doña Sebastiana (skeleton) ill. 828
Donax carinatus (shell) color plate, page 75
  variabilis color plate, page 48
Donkey Hoof (lane), Peiping 363
Doorway, Arched: Casa la Vall, Andorra color plate, page 277
Doré (illustrator) 602
Dorset (primitive Arctic people) 501
Doucette, Lawrence 506
Douglas, Ariz 103
Dover, Delaware: Freedom Train 539
Dovetail Lake, Minn.: Log boom color plate, page 308
Doyle, Sir Arthur Conan 655, 660
Drachma (Greek monetary unit) 723, 729
Dragon Throne, Peiping 341, 345
Drama department, Carnegie Tech ill. 141
Dravo Corporation 118
Dravo Street Bridge, Pittsburgh 122
Dredge, Gold: Fairbanks, Alaska 507, 515; ill. 521, 522
Dresses, Cotton, Eskimos wear ill. 475
Drill, Bow
  Eskimos color plate, page 485
  Old Bering Sea people 497
Drum Tower, Peiping 346
Drummondville, Quebec 451
Drums and drummers
  Arnhem Land 771, 780; color plate, page 773
  New Guinea 842; ill. 838, 844
Dry Valley, Utah 369, 387; color plate, page 377
Duck, Bombay: Hawaii 507
Ducks: Texas 651
Dudinka, R. S. F. S. R. 528
Dudley Trail, Mount Katahdin, Maine 221
Dufferin Terrace, Quebec City 433; color plates, pages 440, 444
Dugong: Arnhem Land 758
Dugouts: Australian aborigines 420, 426, 427; ill. 419, 429
Duke, Doris 595
Duluth, Minn 291, 293, 295, 317, 321, 331; color plate, page 326
  Docks ill. 320
  Hockey game color plate, page 327
  Shell card-table top, in home ill. 84
  Traffic sign, School girl holds color plate, page 328
Duluth, Missabe and Iron Range Railway 320
Duluth Branch, University of Minnesota 321
Dume Point, Calif. 106
Duncan, David D.
  Power Comes Back to Peiping. 18 ills. in color from natural-color photographs, U. S. Marine Corps, Official, by Lt. David D. Duncan. Sept. 347-362
Dundas, Mount, Greenland ill. 562
Duplessis, Maurice 454
Dupont de Nemours, E. I., and Company: Rayon plant, Waynesboro, Va. ill. 21
Du Porche Street, Quebec City 432
Duran, Jerry ill. 809
Durham University, England 544
Duros (silver pieces) 412
Durrës, Albania 743

Page

Dutch East India Company 745, 746
Dutchman Flat, Oreg. 703
Dutton, "Dutch" 85
Dwelling, Children in: Arnhem Land ill. 757
Dwellings. *See* Home; Houses; Huts; Pueblos; Snow-houses; Tepees
Dye, Mollusk 55, 63, 74, 81

E

Eagle, Alaska 510
Eagle Mountain, N. H. ill. 231
Ear Shell. *See* Abalone shell
Easels, Art students': Carnegie Institute ill. 127
East (region): Vegetables 191, 194, 204
East Alligator River, Arnhem Land 775, 782
East Broughton, Quebec 451
East Cape, Siberia 495
East Farnham, Quebec 452
East Indies
  Shells 64
  Vegetables 159, 168, 215
East Jackson Airport, Miss. 95, 98; ill. 87, 99
East Liberty Presbyterian Church, Pittsburgh 141
East St. Louis, Ill. 89
East Station, Peiping color plate, page 360
Eastern Hemisphere 528
Eastern Townships, Quebec 451
Eastern Woodlands (culture area) 471, 478
Eastman Kodak prize 317
Ebasco Services, Inc. 743
Ebro (river), Spain 278
ECA. *See* Economic Cooperation Administration
Echelby, (Skipper) Tom 417
Echinodermata (sea urchin phylum) 36
Economic Cooperation Administration: Greece 711, 713, 716, 718, 721, 723, 724, 726, 729, 733, 744
Ecuador 157, 161
  Cone shells 63
Édhessa, Greece 743
Edinburgh, Scotland 144
Edmonton, Alberta, Canada 526
Edwards, Dr. J. 438
Effie M. Morrissey (schooner) 554, 637, 638
"Egg beaters." *See* Helicopters
Eggplant 209; color plate, page 208
Egret, Cattle: Arnhem Land 776
Egrets (birds): Texas 642, 651, 652, 653; color plate, page 649
Egypt 743
  Adobe architecture, traced to 790
  Vegetables 150, 177, 181, 193, 194, 202, 213
Egyptians 179, 193, 194, 202, 206, 213
Eielson Air Force Base, Alaska 505, 520
Eisenhower, Gen. Dwight D. 541
Elaine G. (stern-wheeler) 519; color plate, page 517
Elcho Island, Arnhem Land 423, 426, 428, 430; ill. 425
  Aborigine girl ill. 423
Elcho Island mission 429, 430; ill. 428
Eldridgea johnsoni (shell) color plate, page 71
Eleanor (dredge) 827
Electrical equipment, Manufacture of: Pittsburgh 130, 131, 134; ill. 134
Eleftheroudakis's bookstore, Athens, Greece 714
Elephant Ear (mustard) 209
Elephants, caused Roman army defeat 848
Elephant's Tooth Shell 64; color plate, page 67
Elevator, Dufferin Terrace, Quebec City color plate, page 440
Elgen Ugol, R. S. F. S. R. 527
Elias Mabry Mill, Galax, Va. color plate, page 242
Elizabeth, N. J.: Freedom Train 539
Elizabethtown, N. Mex. 827
Elk Lake, Oreg. 703
Elk Ridge, Md. 2
Elks Club building, Winchester, Va. 17
Elkton, Va. 7, 23
Ellef Ringnes Island, N. W. T., Canada 524, 525
Ellesmere Island, N. W. T., Canada 525, 553, 568, 569, 570; ill. 563
Ellinikon Airport, Greece. *See* Hassani Airport
Ellison, Mr. and Mrs. 420, 421, 426
  Children 421
Ellsworth, Lincoln 447
El Paso, Tex. 102
El Paso del Norte ("Pass of the North") 102
El Santuario (church), Chimayo, N. Mex. 823; color plate, page 816
Ely, Minn. 321
Embarrass Mine, Lake Mining Company, Minn. color plate, page 309
Embroidery, Porcupine-quill: Kutchin Indians 473
Emerald River, Groote Eylandt, Australia 752, 753
Empire State Building, N. Y. 655
Emsworth Dam, Pa. 123
Emsworth Pool (basin), Pittsburgh 123
Enamelers, coat bathtubs: Pittsburgh ill. 133
En Avant (ship) 555
Encamp, Andorra 265, 290

Page

Endive....179; color plate, page 178
French....179
Endless Caverns, Va....21
Endurance (ship)....549
Engineers, American: Greece....725, 734, 743
England: Vegetables....170, 174, 177, 181, 183, 185, 187, 189, 191, 200, 206, 213
Eniwetok (island), Marshalls....602, 807
Ensign
Canadian Red: Quebec....454
Missouri's, U. S. S.: Freedom Train....541
Envalira Peak, Andorra....264; color plate, page 281
Ephesians (people)....847
Ephesus, Turkey....847
Epicureans (philosophers)....845
Epidaurus, Greece....725
Epirus (region), Greece....715, 716
King of....848
Epistle to the Romans (Bible)....847
Epitonium pretiosum (shell)....color plate, page 74
Equator....67, 157
Erechtheum, Athens, Greece....ill. 714
Eritrea....194
Escalante, Padre Silvestre Vélez de....379, 383, 386, 394
Escalante (town), Utah....386, 396, 403
Escalante Canyon, Utah....404; color plates, pages 395, 396, 398-399
Escalante Land, Utah
First Motor Sortie into Escalante Land. By Jack Breed. With illustrations from photographs by the author. 6 ills. in black and white, 27 ills. in color, 1 page map, Sept....369-404
Escalante River, Utah....403; color plate, pages 398-399
Escaldes, Andorra....267, 286, 287, 290; ill. 263; color plate, page 278
Eskasoni Indian settlement, Cape Breton Island ill. 499, 503
Eskimauan linguistic stock....471
Eskimauan region, Alaska-Canada....471, 473
Eskimo town: Greenland....ill. 562
Eskimonæs (Daneborg), Greenland....551
Eskimos
Alaska....501, 505, 509, 510, 519; ill. 509, 523; color plates, pages 515, 518
Arctic regions....527, 548
Baffin Island, Canada....543; ill. 560
Caribou....492
Central....501, 502, 504; color plates, pages 484, 489
Eastern....501, 502
Greenland....ill. 559, 564
Inugsuk....501; color plate, page 486
Labrador....502-503
Nomads of the Far North. By Matthew W. Stirling. Paintings by W. Langdon Kihn. 13 ills. in black and white, 16 ills. in color, Oct....471-504
Burial customs....503
Clothing....481, 495, 501-502, 504; ill. 496; color plate, page 486
Cradles....502
Hunting....495, 501; ill. 498; color plates, pages 481, 487, 489
Kayaks....495, 496, 497; color plate, page 481
Medicine men (shamans)....502-503; ill. 497
Migration....color plate, page 489
Old Bering Sea people....495, 496, 497, 500, 501
Origin....495
Political organization....502
Snowhouses....489, 495, 501; ill. 472; color plates, pages 484, 485
Transportation....495, 496, 497, 502; color plates, pages 481, 486, 489, 491
Quebec, Canada....448; ill. 432
Siberia....495
Western....501
See also Thule
Eskuara (Basque language)....414
Espanola-Abiquiu highway, N. Mex....color plate, page 819
Eternity (cape), Canada....438
Ethiopia: Vegetables....194, 204; color plate, page 195
Ethnology. *See* Aborigines; Basques; Eskimos; Indians; Lapps; Papuans
Etruscans (people)....845
Eucalyptus forests: Arnhem Land....745, 752, 753, 755, 775, 778; ill. 779
Eucalyptus tree: Peiping....color plate, page 361
Eugenia ("wild apples")....706
Eurasia....527, 528, 543
Vegetables....148, 149, 151, 191
Eureka Sound, N. W. T., Canada....525, 568, 570; ill. 563
Euripides (Greek playwright)....743
Europe....508, 612
Central....166
Vegetables....150, 157, 158, 159, 161, 162, 164, 168, 170, 172, 174, 177, 179, 183, 184, 185, 187, 189, 191, 196, 197, 198, 202, 209, 211, 213, 214, 215, 217
See also Andorra; Basque country; Greece

Page

European Recovery Program: Greece....713, 718
Poster....ill. 718
European Russia....528
Europeans (people)....847
Evans, Jack....108
Eveleth, Minn....298
Evening Star (Washington, D. C., newspaper)....ill. 260
Everest, Mount, Tibet....222
Everett, Mount, Mass....226
Everglades, Fla.: Tree snails....33
Evzones (Greek army members)....714; color plates, pages 730, 731
Ewa Plantation, Oahu (island), Hawaii....color plate, page 592
Ewing, Maurice....260; ill. 613; color plates, pages 621, 625
New Discoveries on the Mid-Atlantic Ridge. By Maurice Ewing. With illustrations from photographs by Robert F. Sisson. 6 ills. in black and white, 23 ills. in color, 1 half-page map, Nov....611-640
Execution squads, German: Greece....714
Exhibitions. *See* Freedom Train
Expeditions
Jungle Journey to the World's Highest Waterfall (Angel Falls, Venezuela). By Ruth Robertson. With illustrations from photographs by the author. 13 ills. in black and white, 17 ills. in color, 1 three-quarters-page map, Nov....655-690
Plant hunting....147
See also National Geographic Society: Expeditions; Norwegian-French Expedition to Northeast Greenland
Experiment stations: Hawaii
Cooperative: Honolulu....597
Hawaiian Sugar Planters' Association....color plate, page 593
Explorers Club, of New York: Escalante expedition....369, 386, 401
Exploring Stone Age Arnhem Land. By Charles P. Mountford. With illustrations from photographs by Howell Walker. 14 ills. in black and white, 25 ills. in color, 1 map (two-page spread), Dec....745-782
Explosion, TNT, probes sea bedrock: color plate, page 622
Eye model, Mayo Foundation Museum of Hygiene and Medicine....color plate, page 325
"The Eyes of Texas" (song)....826

F

Factories: Minnesota....292, 298, 322
"Factory that needs no fuel," Windom, Minn....392
Fairbanks, Charles W....507
Fairbanks, Alaska....525, 528
Busy Fairbanks Sets Alaska's Pace. By Bruce A. Wilson. With 11 ills. in color from natural-color photographs by O. C. Sweet. 8 ills. in black and white, Oct....505-523
Agriculture....522, 523
Air view of....color plate, page 512
Airbases....505, 506
Currency....506-507
Distance from Arctic Circle....505
Dog teams....519, 522, 523
Entertainment....507; color plate, page 513
Eskimo population....510
Flying....510, 511, 519; color plate, page 516
Gold and gold mining....507, 510, 511; ill. 521, 522; color plate, page 514
Highways....505, 510, 519; ill. 506
Houses and buildings....505, 507; ill. 508
Living conditions....506
Mail service....507
Main street....505; ill. 508
Naming of....507
Population....505, 512
Railroad....510, 519; ill. 520
Water supply....507
Fairfax, Lord Thomas....17, 20, 24
Fairfax Hall Junior College, Waynesboro, Va....24
Fairmont, Minn....335
Falcon Field, Ariz....106
Falcons: Basque pigeon hunting....406, 408
Fales, Sam (pilot)....655, 688, 690
Falk Foundation, Pittsburgh....142
Falstaff (fictional character)....266
Far East: Vegetables....150, 168, 187, 200, 206
Faribault, Minn....335
Braille school....color plate, page 324
Cheese making....color plate, page 330
Farmers
Andorra....ill. 286; color plates, pages 283, 284
China rice fields....ill. 365
Minnesota....292
Farmington, Minn....317
Farms: Minnesota....292, 295, 322
Farrington, Joseph R....602
Fasciolaria distans (shell)....color plate, page 45
gigantea (now *papillosa*)....color plate, page 45
tulipa....color plate, page 45

Page

Father and son
China ... ill. 345
Indian: San Ildefonso, N. Mex ... color plate, page 821
Fathometer, Deep-sea ... 613, 614, 615, 618, 635, 636, 638, 640; ill. 617
Feast. *See Luau*
Feathers
Native dancers wear: French Sudan ... ill. 62
Trim Kutchin woman's hair ... color plate, page 479
White cockatoo, Aborigine wears: Australia ... ill. 779
Federal Building, Fairbanks, Alaska ... 505
"Fellow travelers," Greek army, isolated ... 711
Fenimorea janetae (shell) ... color plate, page 71
Fergus Falls, Minn ... 316
Fern, Stewart
Because It Rains on Hawaii. 32 ills. in color from natural-color photographs by W. Robert Moore, Stewart Fern, Thomas W. McKnew, and others. Nov ... 579–610
Fertilizers, Imported: Hawaii ... 575
Festivals
Minnesota ... 316–317, 321; color plate, page 301
Montreal, Canada ... 453
See also Fiesta
"Feudin" Country: Blue Ridge Mountains ... color plate, page 250
Ficus papyratia (shell) ... color plate, page 46
Field, Pineapple: Oahu (island), Hawaii ... ill. 599
Fiesta
Montevideo, Minn ... 316–317; color plate, page 314
New Mexico ... 783, 784, 788, 790; color plates, pages 794, 795, 821
Fifth Avenue, N. Y. City ... 143, 719
"57 Varieties" (Heinz trademark) ... 135; ill. 132
Fighting Conch Shell ... ill. 36; color plate, page 45
Fiji Islands, Pacific: Golden Cowry ... 64; color plate, page 66
Fijian missionary: Yirrkala, Australia ... 430
File Shell ... 58; color plate, page 44
Filipinos
Hawaii ... 575, 595, 597
World War II fugitives, sheltered at Australian mission ... 430
Findlay Group (islands), N. W. T., Canada ... 570
Fineview (Nunnery Hill), Pittsburgh ... 121
Finschhafen, New Guinea ... 840
Fire fighters: Quebec ... color plate, page 462
Firemoss: Greenland ... ill. 565
Firenze (Florentia), Italy. *See* Florence
First Motor Sortie into Escalante Land. By Jack Breed. With illustrations from photographs by the author, 6 ills. in black and white, 27 ills. in color, 1 page map. Sept ... 369–404
First Presbyterian Church
Carlisle, Pa ... 1
Pittsburgh ... 140
Firth, C. V ... 296
Fish
Arnhem Land, Australia ... 750, 753, 757, 758, 769, 778; color plates, pages 764, 765
Deep-sea ... 612, 614, 615, 616, 617, 621; ill. 612
Imported: Hawaii ... 575
Vitamins from: Minnesota ... 291
Fish and fishing
Hawaii ... 597, 602; ill. 574, 601
Kutchin Indians ... 473
Minnesota
Big Lake ... 322
Ice fishing ... ill. 332; color plate, page 328
New Mexico ... 828, 829; ill. 829
Venezuela ... 658, 664, 666; ill. 664; color plates, pages 674, 675, 681
Fish and Wildlife Service. *See* U. S. Department of the Interior
Fish Creek, Arnhem Land ... 778
Fish Lake, Oreg ... 693
Fisher, Franklin L ... 258; ill. 256
Fisheries Laboratory: Greece ... 721
Fisherman, throws net: Hawaii ... ill. 601
Fishermen
Alaska ... color plate, page 516
Minnesota ... color plate, page 305
Fishing through ice ... ill. 332; color plate, page 328
Portuguese: Azores ... color plate, page 633
Tuna: Hawaii ... ill. 574, 596
Fishin' Jimmy Trail, N. H ... 236
Five Dragon Pavilion of the Poets, Peiping ... 363
Fjords, Arctic ... 545, 546, 551; ill. 549, 552–553
Flag
Chinese National: Peiping ... color plate, page 351
Explorers Club, of New York: Utah ... color plate, page 401
French: Quebec ... 454
General Eisenhower's: Freedom Train ... 541
Norwegian: Greenland ... ill. 557
United States
Atlantis: Azores ... color plate, page 628
Governor's Palace, Santa Fe, N. Mex ... 807
Iwo Jima flag: Freedom Train ... ill. 541

Page

Flag—(Cont.)
Museum of New Mexico ... color plate, page 794
Flags
Foreign, scarce: Honolulu Harbor ... 571
Greece ... color plates, pages 735, 739
Makronísi mess hall ... 711
New Mexico ... 790
Shop door: Peiping ... color plates, pages 351, 353, 356, 357
See also Ensign; National Geographic Society: Flag
Flamingo Tongue (shell) ... color plate, page 46
Flat Egyptian (beets) ... 187
Flat Top (peak), Va ... 232
Flathead (Indian tribe) ... 200
Flattop Mountain, Va ... color plate, page 250
Flax: Minnesota ... 292
Seed, Uses of ... 292
Fleming, Dr. Robert V ... 261; ill. 260, 261
Fleming, Mrs. Robert V ... ill. 257
Flemish Cap, Atlantic Ocean ... 617
Flesh Marginella (shell) ... 60; color plate, page 47
Fletcher, John E. (Jack) ... 321, 691, 695, 700, 701, 705, 709; ill. 697
Minnesota Makes Ideas Pay. 32 ills. in color from natural-color photographs by John E. Fletcher, B. Anthony Stewart, and others. Sept ... 299–330
Quebec's Forests, Farms, and Frontiers. 35 ills. in color from natural-color photographs by John E. Fletcher, Kenneth S. Johnson, and Andrew H. Brown. Oct ... 439–470
Flickers: Courtship dance ... 316
Flies, Artificial, for fishing. *See* Lures, Fish
Flinders, Matthew ... 755, 762
Float, Kamehameha parade: Honolulu ... color plate, page 587
Floatplane: Alaska ... color plate, page 516
Floats, Sealskins inflated: Eskimos ... color plate, page 481
Flóka, Greece ... 722
Floods
Columbia River ... 695, 708, 710
Pittsburgh ... 130
Floodwood, Minn ... 298
Florence (Florentia), Italy ... 181, 845
Florida ... 597
Shells ... 33, 48, 58, 60, 61, 62, 63; color plates, pages 43, 44, 45, 46, 47, 76
Spoonbills ... 641, 642, 647, 654
Vegetables ... 148, 198, 206, 211
Florida Bay ... 654
Florida Cone Shell ... color plate, page 47
Florida Indians ... 193, 198, 206
Florida Keys: Shells ... 33, 82, 84; color plates, pages 43, 80
Flour: Minneapolis ... 316; ill. 334
Flour sack, Aborigine wears: Australia ... ill. 752
Flowers
Groote Eylandt, Australia ... color plate, page 762
Honolulu ... 595; color plate, page 583
Peiping market ... color plate, page 351
Potato ... color plate, page 156
Floyd, Mrs. Lamar ... 800
Fluorine: Research in preventing tooth decay ... 315
Flyers, Canadian, stranded: Labrador ... ill. 568
Flying
Alaska ... 510, 511, 519; color plate, page 516
Minnesota ... 322
Flying boats (Catalinas) ... 426, 429
"Flying Boxcar." *See* C-82
Flying Fortress. *See* B-17's
Flying "S" Ranch, Ga ... 95
Foca I (former name for *Quest*) ... 549
Foddustack Road, Va ... 236
Fokker (airplane) ... 510
Pilot's seat from ... ill. 663
Folk-dance Festival: Duluth, Minn ... color plate, page 301
Fond du Lac, Wis ... 297
Fontana Reservoir, N. C ... 251
Fontana Village, N. C ... 251
Food
Andorra ... 266
Arnhem Land, Australia ... 750, 752, 756, 758, 778; ill. 753, 754; color plate, page 766
Australian mission stations ... 417, 421, 427, 428, 429, 430; ill. 428
Canned, jettisoned from *Phoenix* ... 423, 426; ill. 419
Hawaii ... 596, 597; color plate, page 609
Kutchin Indians ... 473
Minnesota ... 316, 317
Naskapi Indians ... 478
Plants first used as ... 148
Quest (ship) ... 551
Tuna sampan: Hawaii ... ill. 596
See also Fruits; Vegetables
Food laboratories: Minnesota ... color plate, page 313
Food manufacturers: Pittsburgh ... 130, 135; ill. 132
Forbes, Gen. John ... 144
Forbes Field, Pittsburgh ... 137
Forbidden City, Peiping ... 136, 339, 341, 345, 348, 359, 361, 363; sketch 340

Page

Fordhook Fancy (mustard) 209
Foreign Kitten (lane), Peiping 363
Forest
  Blue Ridge Mountain color plates, pages 248-249
  Labrador ill. 568
Forest Service: Oregon 708
Formosa (island) 67
Fort Chimo, Quebec 448
Fort Duquesne, Pa 144
Fort Frances, Ontario 308
Fort Loudoun, Winchester, Va 17
Fort Myers, Fla 58
Fort Norman, N. W. T., Canada 526
Fort Pitt, Pa 118, 120, 144
Fort Prince of Wales, Churchill, Canada color plate, page 492
Fort Washington, Md 91
Fort Worth, Tex 98
Forum: Italy 845
Forward (former name for *En Avant*) 555
Foshay Tower, Minneapolis, Minn 298; ill. 292
Foster, Stephen Collins 140
  Memorial, University of Pittsburgh ill. 138
Foundation Company of New York 743
Four Corners Country, Utah 370
Fox, Charles J.: Portrait of Dr. Grosvenor by 258; color plate, page 252
Fox River (town), Quebec. *See* Rivière au Renard
Foxe Basin, N. W. T., Canada 524, 543
Foxe Peninsula, N. W. T., Canada 524
Frame, Sticks and string, used to copy rock paintings: Arnhem Land ill. 782
France 573
  Vegetables 170, 174, 175, 179, 181, 183, 185, 187, 189, 196, 198, 200, 204, 206, 215
  See also Pigeon Netting—Sport of Basques
Franco regime 287
Franconias (mountains), N. H 222
Franklin, Benjamin 1, 535
Franklin County, Pa 4
Fraser, Laura Gardin: Grosvenor medal 255, 261
Frazier, Dr. Russell G 379
Fred (Australian native) 422, 423, 426
Frederick County, Va 17
Fredericksburg, Va 94
Frederika, Queen of Greece 711, 712, 715, 718, 719, 721, 728
  Rephotographed picture ill. 712
Freedom Scroll, Visitors sign ill. 530, 542
Freedom Train Tours America. 16 ills. from photographs, with full legends. Oct 529-542
  Cities, Number of, visited 529
  Cleveland attendance 536
  Congressional bill 529, 542
  Description of 531, 540
  Documents and manuscripts ill. 535, 540
  Glass, Bulletproof, encloses documents ill. 540
  Murals ill. 535
  Priority, Presidential 538
  Railroad facilities 538
  Steel used 531
  Temperature 540
  Visitors, Number of 529, 536, 539
  Walls, "Crooked" ill. 540
French, Daniel Chester 293
French (people) 195
French-Canadians (people)
  Quebec's Forests, Farms, and Frontiers. By Andrew H. Brown. With 35 ills. in color from natural-color photographs by John E. Fletcher, Kenneth S. Johnson, and the author. 4 ills. in black and white, 1 map (two-page spread), Oct. 431-470
French Frigate Shoal, Hawaii 602
French Government 266
French Guiana 166
French Sudan: Native dancers ill. 62
Frère Jacques (song) 432
Friarbird: Arnhem Land 758
Frick, Henry C 142
Fried Egg Shell color plate, page 46
Frijoles Creek, N. Mex 814
Frobisher Bay, Baffin Island, Canada 558
  Eskimo family ill. 560
Frog Conch ill. 84
Front Royal, Va 17, 18
Frost, W. T. (Jack) 695, 704; ill. 693
Fruits
  Australia 417
  Peiping market color plate, page 357
  See also Cantaloupe; Casaba; Honey Dew; Muskmelons; Persian melon; Watermelon
Fuji (soybeans) 217
Fukien, China 367
Fuller, Dr. Elizabeth Mechem 315
Funicular railways: Pittsburgh 121
Funk, Joseph 23
Funkhouser, R. J 8
Fur pelts, Fox, Eskimos trade: Quebec ill. 432

Page

Fur trade: Greece 718, 719, 736
Fur traders: Northern American woodlands 503, 504
Furnace
  American Radiator & Standard Sanitary plant ill. 133
  Open-hearth: Pittsburgh ill. 123
Furnas, São Miguel Island, Azores 635; color plate, page 620
Furniture Street, Peiping 349
Furs: Eskimo snowhouse 501; color plate, page 485
Fusinus syracusans (shell) color plate, page 55
  ustulatus color plate, page 73
Fustanella (pleated skirt): Greek Evzones color plate, page 730
Fyne, Loch, Greenland 545, 551; ill. 544, 549

G

Gael Hamkes Bay, Greenland 549
Galax, Va 242
Galen (Greek physician) 198
Galilee 718
Galveston, Tex 641, 642
Galveston Bay 642, 653; color plate, page 648
Galveston Harbor 642
Gamble, Bert 316
Gamble-Skogmo, Inc., Minn 316
Game animals: Athapascan area, Canada 471, 473
Games. *See* Sports and games
Gander, Newfoundland 525
Gannets: Quebec, Canada color plate, page 459
Garden, Waikiki hotel: Hula dancers color plate, page 501
Gardens
  Our Vegetable Travelers. By Victor R. Boswell. Paintings by Else Bostelmann, 5 ills. in black and white, 32 ills. in color, Aug 145-217
  Victory garden, American ill. 146
Garland, Mrs. Hamilton 706
Garlic 202
Garrison Alley, Pittsburgh 135
Garrison Club, Quebec City 433
Gaspé (town), Quebec 450
Gaspé Peninsula, Canada 431, 448, 449, 450; color plates, pages 455, 460
Gastropoda (mollusks) 38
Gastropods 38, 60; ill. 39; color plate, page 47
Gates, City: Quebec City color plate, page 443
Gatineau River, Quebec color plate, page 463
Gauge, registers air mixtures: Mellon Institute ill. 119
Gearin, Natalie ill. 542
Gem Shell. *See* Flesh Marginella
Gendarme: Andorra (town) color plate, page 273
General Mills, Inc., Minneapolis 291, 316
General Motors Corporation 261
General Motors Research Laboratories 254
Generator, Radio: Venezuela jungle ill. 685
Genghis Khan 337, 368
Geographic Cone Shell 63
George III (king of England) 24
Georges, Father (Trappist priest) 447
George's Place, Elizabethtown, N. Mex 827
Georgetown University, Wash., D. C 256
Georgia
  Appalachian Trail 219, 220, 223, 236; ill. 224
  Piedmont 236
  Skyway 95; air view 93; ill. 86
Georgia Appalachian Trail Club 224, 236
Gerarde, John 168
German Evangelical Protestant Church, Pittsburgh 140
Germania Land, Greenland 555
Germanna, Va 21
Germanos, Archbishop of Patras 743
Germans
  Greece: World War II 715, 720, 721, 723, 733, 743
  Norway 545, 558
Germany: Vegetables 164, 170, 174, 179, 183, 187, 196, 200, 204, 209, 213
Gestapo: Andorra 287
Gettysburg Address, Manuscript of 529; ill. 535
Gherkin, West Indian 206
Giant Clam Shell 33; ill. 83
Giant Conch Shell 84; ill. 35; color plate, page 80
Giant Food Store: Washington, D. C ill. 148
Gilbert, Cass (architect) 310
Gilbert, Clyde 699
Gilbert, John (naturalist) 781
Gilbert, Minn 298
Gilbert Grosvenor's Golden Jubilee. By Albert W. Atwood. 9 ills. in black and white, 1 portrait in color, Aug 253-261
Ginger, Red: Hawaii color plate, page 603
Gingers, Torch: Honolulu color plate, page 603
Ginling College, Nanking, China 28
Girl
  Arranges flowers: Honolulu Airport color plate, page 603
  Azorian Portuguese child color plate, page 631
  Chinese, in Western clothes: Peiping color plate, page 347
  Garlanded: Hawaii color plate, page 597

Page

Girl—(Cont.)
In tide pool: Ogunquit, Maine . . . . color plate, page 41
Paints markers: Appalachian Trail . . . . ill. 229
Reads signs: Appalachian Trail . . . . ill. 230
Girls
Aboriginal: Australia . . . . color plate, page 762
Spanish: Santa Fe, N. Mex . . . . ill. 784
With flowers: Honolulu . . . . color plate, page 583
Glaciers: Greenland . . . . ill. 552–553, 556
Glass plants: Pittsburgh 131
Glasses, Smoke viewed with special: Pittsburgh . . . . ill. 129
Glen Canyon, Utah . . . . 379, 386, 398, 403; color plate, page 402
Glifádha, Greece 713
Glumack, Ray 322
Gneiss (rock): Minnesota 331
Goats: Greece . . . . color plate, page 737
"Goatsbeard." *See* Salsify
Godthaabs Gulf, Greenland 545
Goebbels, Paul 725
Goering, Hermann 725
Goggles
Eskimo . . . . 495, 497; color plate, page 484
Scientists wear: Arnhem Land . . . . ill. 776
See also Sunglasses
Gold and gold mining: Fairbanks, Alaska . . . . 507; ill. 521, 522; color plate, page 514
Golden Bantam (corn) 155
Golden Cowry Shell . . . . 59, 62, 64; color plates, pages 66, 67
Golden Cross Bantam (corn) 155
Golden Jubilee
Gilbert Grosvenor's Golden Jubilee. By Albert W. Atwood. 9 ills. in black and white, 1 portrait in color, Aug 253–261
See also National Geographic Society: Banquet
Golden Panama (shell) . . . . 58; color plate, page 43
Golden Triangle (district), Pittsburgh . . . . 91, 118, 120, 122, 130, 137, 140, 144; ill. 120–121
Goldfield Mountains, Ariz 106
Gómez, Enrique (radioman) . . . . 656, 659, 664, 665, 666, 684, 685, 688, 689; ill. 685, 690; color plates, pages 677, 680
Goodyear crosswind landing gear 95
"Goofers" (novice hikers) 224, 225
Goose Bay, Labrador 525, 558, 559, 561, 565, 567, 568
Goose Creek, Va 8
Gopher Ordnance Plant, Minn 315
Gordon, "Doc" 519
Gough, Atlantic Ocean 616
Gourds . . . . 164; color plate, page 165
Venezuela . . . . 658, 665; ill. 663
Gove (airstrip), Arnhem Land 756
Government savings bonds: Freedom Train . . . . ill. 540
Governor's Palace, Santa Fe 790, 794, 795, 807
Graduate School of Industrial Administration, Carnegie Tech 143
Graduate School of Public Health, University of Pittsburgh 143
Graehl (suburb), Fairbanks, Alaska 507
Grain elevators: Minnesota 297, 322
Grámmos Mountains, Greece 712
Gran Sabana (jungle plains), Venezuela 655, 656, 660
Granby, Quebec, Canada 451
Grand Banks, Atlantic Ocean 613, 617
Grand Boulevard, Corona, Calif . . . . air view 100–101
Grand Caverns, Va . . . . 21; color plate, page 16
Grand Central Station, N. Y. City 537
Grand Coulee (dam), Wash 134
Grand Forks, N. Dak 298
Grand Portage, Minn 321
Grand Rapids, Minn 322
Grand River Dam Authority, Okla 87
Grand View Lodge, Minn 316
Grande Rivière, Quebec 450
Grandmother
And child, inspect shells . . . . ill. 34
Andorra . . . . color plate, page 271
Granite quarries: Minnesota 331
Grant Building, Pittsburgh . . . . ill. 120–121
Graves, Mr. and Mrs. Austin T . . . . color plate, page 305
Graves and skeletons, Malay: Australia 430
Gray, Fred 748, 752, 775
Gray, Mrs. Fred (Marjorie) . . . . 748, 750; ill. 754
Great Appalachian Valley, U. S.
Appalachian Valley Pilgrimage. By Catherine Bell Palmer. With illustrations from photographs by Justin Locke and J. Baylor Roberts. 9 ills. in black and white, 18 ills. in color, 1 page map, July 1–32
Great Barrier Reef, Australia: Mollusks 40, 83
Great Bear Lake, N.W.T., Canada 526
Great Bear River, N.W.T., Canada 526
Great Britain 524
Scroll from The Society members 254
Vegetables 171, 172, 174
Great Gulf, Mount Washington, N. H., color plate, page 240
Great Indian Warpath (trail) 220

Page

Great Lakes, U. S.-Canada 452, 526, 530
Indians 471, 476
Iron ore 295
Great Laurentian Divide 322
Great Man of Limitless Strength (lane), Peiping 363
Great Northern Railway Company 297
Great Plains, U. S. 162, 476
Great Seal, British 534
Great Slave Lake, N.W.T., Canada . . . . 526; color plate, page 490
Great Smoky Mountains, N. C.-Tenn . . . . 219, 226, 235, 247; ill. 228
Great Smoky Mountains National Park . . . . 18, 233, 236; color plates, pages 239, 251
Great Wall, China 337, 338, 341, 346
Greco-Roman World, Classical Lands map inset 847
Greece 845, 848
Continental . . . . color plate, page 734
The Society's New Map of Classical Lands. Text accompanying special map supplement in colors. 1 ill., Dec 845–848
Vegetables 181, 202, 206, 213
War-torn Greece Looks Ahead. By Maynard Owen Williams. With 21 ills. in color from natural-color photographs by the author and B. Anthony Stewart. 11 ills. in black and white, Dec 711–744
Agriculture . . . . 717, 721–722, 723, 726, 743; color plates, pages 737, 741
Airplanes, Use of 715, 716
Alphabet, Classic, used 730
Camps . . . . 711, 712, 716, 721, 722, 728; ill. 744; color plates, pages 738, 739, 740
Cultural revival 713
Drachma 723, 729
Evzones . . . . 714; color plates, pages 730, 731
Financial and economic crises 723, 724
Fredericka, Queen . . . . 711, 712, 715, 718, 719, 721, 728; ill. 712
Fur trade 718, 719, 736
Immigration quota, U. S. 726
Income, Pre-war 724
Inflation 723, 729
Makronísi (island) . . . . 711, 712, 744; color plates, pages 738, 739
Paul, King 711, 712, 715, 718, 719, 721
Reconstruction . . . . 721, 726; ill. 715, 720
Tax 721
Temples . . . . 713, 724; ill. 714; color plates, pages 728, 732
War destruction 721, 723, 724
See also Athens
Greek Air Lines (TAE) 715, 716, 744
Greeks 847, 848
Vegetables 172, 179, 181, 183, 185, 187, 189, 196, 198, 200, 201, 204, 211, 213
Greely, Adolphus Washington (explorer) 567
Green Bay, Wis.: Freedom Train visitors . . . . ill. 539
Green Mansions (Hudson) 655, 660
Green Mountains, Vt 219, 226
Greencastle, Pa . . . . 1; ill. 4
Greene, Art . . . . 360, 402, 403; ill. 382
Greenland 525, 526
Eskimos 471, 495, 500, 501
Milestones in My Arctic Journeys. By Willie Knutsen. 22 ills., Oct 543–570
Top of the World: The National Geographic Society's New Map of Northlands. Text accompanying special map supplement in colors. Oct. 524–528
Greenland Sledge Patrol 555
Greensprings Summit, Cascades, Oreg 691
Greenway Court, Va 17
Greer-Hale Chinchilla Ranch, Va 20
Gregory, Dr. Herbert E 404
Gregory Bald (mountain), Tenn 251
Gregory Bridge, Utah 404
Greyhound Corporation 297
Greyhound motorbus 297
Greylock, Mount, Mass . . . . 226; color plate, page 241
Griffiths, Col. D. W . . . . ill. 715
Griggs, Dr. Robert F . . . . 260; ill. 256
Grimshaw, Alberta, Canada 526
Gristmill: Galax, Va . . . . color plate, page 242
Groote Eylandt, Australia . . . . 417, 418, 421, 426, 430, 745, 746, 748, 749, 750, 752, 755, 756, 765, 775; ill. 752, 753, 754, 779; color plates, pages 761, 762
Grosvenor, Gilbert 145
Arch named for 370, 371
Gilbert Grosvenor's Golden Jubilee. By Albert W. Atwood. 9 ills. in black and white, 1 portrait in color, Aug 253–261
Banquet honoring . . . . 253, 258; ill. 257, 258, 260
Birds, Interest in 255, 258
Career unique 258
Cartoon tribute by Berryman . . . . ill. 260
Constitution Hall ceremony . . . . 253, 254, 260–261; ill. 256, 261
Degrees and honors received 261

Page

Grosvenor, Gilbert—(Cont.)
Editorial tenure record 253
Expeditions and scientific research encouraged 253, 258
Fiftieth anniversary 252, 253
Geography popularized 253
Growth of The Society due to 252, 253
Letters from President Truman, governors, and friends 254-255, 261; ill. 257
Maps supervised by 253
Medal 253, 260, 261; ill. 254, 255
Natural features named after 253
Photographs, Pioneered in use of 253
Portrait 258; color plate, page 252
Speech, at banquet 258, 260
Speech, at Constitution Hall 253, 261; ill. 256, 261
Travels of 253, 261
Tribute to work, personality, vision 253, 254-255, 258, 259
Island named for 570
Top of the World: The National Geographic Society's New Map of Northlands. Text accompanying special map supplement in colors, Oct. 524-528
Grosvenor, Mrs. Gilbert: Golden Jubilee 253, 256, 258; ill. 256, 257, 261
Grosvenor, Melville Bell 260; ill. 256, 258
Grosvenor Arch, Utah 370, 404; color plates, pages 371, 373
Grosvenor Island, Findlay Islands, Canada 570
Grosvenor Medal
Gilbert Grosvenor receives 253, 260, 261; ill. 254, 255
Symbols on 255
Grouper (fish): Arnhem Land color plate, page 765
Guadalcanal (island), Solomons 576
Guadalupe Peak, Tex 98
Guam (island), Marianas Islands 576, 602
Guards, U. S. Marines: Freedom Train ill. 529, 533, 534, 541
Guatemala 155, 159
Guerrillas
Filipino, sheltered at Elcho Island mission 428, 430
Greece 711, 716, 717, 718, 726, 728, 729, 733, 736, 741, 743
Guest book: Croker Island mission 417
Guide, Native: Chasm Island, Arnhem Land color plate, page 762
Guidebook, Girl holds: Appalachian Trail ill. 230
Guildfordia triumphans (shell) color plate, page 73
Gulf Building, Pittsburgh ill. 120-121
Gulf Coast, U. S.-Mexico 641, 642, 643, 647, 653
Gulf Research & Development Company, Harmarville, Pa 135
Laboratory ill. 122, 143
Gulf Stream 528
Gull Lake, Minn 316
Gulls
Minnesota 316
Texas 651
"Gumbo." *See* Okra
Gumbo limbo trees: Florida Keys 33, 82
Gunflint Trail, Minn 321
Guns, 5-inch: *Iowa*, U.S.S. color plate, page 581
Gunsight Butte, Utah 382, 383
Gustavus Adolphus College, St. Peter, Minn 336
Gyroscopes for autopilots: Minnesota 316

H

Hadrian (Roman emperor) 732
Hagerstown, Md 5, 6, 8
Almanack, Gruber's 6
Hagerstown Valley, Md 1, 8; color plates, pages 11, 12
Hair arrangement
Eskimo women ill. 559; color plate, page 486
Venezuela Indians 665, 687; ill. 689
Haiti: Vegetables 196, 206, 213
Haleakala (crater), Hawaii 601; color plate, page 607
Halia priamus (shell) color plate, page 55
Halicarnassus, Turkey 847
Haliotis (shell) 63
Haliotis tuberculata color plate, page 55
Hall of Abstinence, Peiping 341
Hall of Annual Prayers, Peiping 341; ill. 366; color plate, page 347
Hall of Architecture, Carnegie Institute ill. 127
Hall of Beautiful Waves, Peiping 363
Hall of Classics, Peiping 367
Hall of Purple Effulgence, Peiping 363
Hallstrom, E. J. L. ill. 834
Hallstrom Trust 834, 835
Halsey, Adm. William F 602
Halvorson, Mr. and Mrs. Roy 321; color plate, page 306
Halvorson, Mrs. Roy, and daughter ill. 84
Halvorson Trees, Inc., Duluth 306
Ham Nord, Quebec 452
Hambo (Swedish folk-dance) color plate, page 301
Hamburg (parsley) 185

Page

Hammocks, Sleeping: Venezuela 658, 664, 665, 666, 684, 686, 687, 688; ill. 684; color plate, page 673
Han period figures: Peiping 346
Handley, Mary ill. 542
Handley Public High School, Winchester, Va 17
Hanford: Wash.: Plutonium from 807
Hanging Gardens of Babylon 847
Hangover Mountain, N. C. 236
Hanna, Rev. Thomas H. (missionary) 427, 428, 757
Hanna, Mrs. Thomas H 428
Hannibal: Martial exploits 845
Hanson, Elisha ill. 256
Happy Retreat (home), W. Va 8
Harbison family 142
Harding, Warren G. 516, 520
Harding, Lake, Alaska color plate, page 516
Hare Indians 471
Harlem, N. Y. City 543
Harmarville, Pa 135
Harmony, Minn 331
Harney, William J. (guide) 756, 758, 779, 781; color plate, page 760
Harpers Ferry, W. Va 2, 5, 8
Harpoons (Eskimo weapon) 481, 495, 497, 500; ill. 561; color plate, page 484
Old Bering Sea people 497
Harris, Richard Neison Wishbone 325
Harrisburg, Pa 1, 144
Harrisonburg, Va 5, 22, 23, 31
Hart, David 369
Harvard University, Mass 58, 600
Harvester-conveyor: Oahu (island), Hawaii color plate, page 588
Harwood Foundation, N. Mex ill. 827
Hassani (Ellinikon) Airport, Greece 715
Hassell, Lt. Col. Bert R. J. ("Fish") 565, 567
Hata Men Street, Peiping color plates, pages 340, 352
Hats, Straw: São Miguel Island color plate, page 631
Havre St. Pierre, Quebec 526
Hawaii, Territory of
Because It Rains on Hawaii. By Frederick Simpich, Jr. With 32 ills. in color from natural-color photographs by W. Robert Moore, Stewart Fern, Thomas W. McKnew, and others. 9 ills. in black and white, 1 half-page map, Nov 571-610
Cattle 602
Exports 573; color plates, pages 589, 603
Fishing 597; ill. 574, 596, 601
Flowers 571, 595; color plates, pages 579, 583, 589, 603, 607
Geology 600-602; ill. 576; color plates, pages 604, 605, 606, 607
Imports 575, 582
Islands composing 575, 578
Languages 595-596
Location 571
People (races) 575, 578, 595, 596; ill. 572, 573; color plates, pages 579, 583, 586, 587, 589, 591, 609
Pineapple growing 571, 575, 600; ill. 573, 599; color plate, page 588
Population 575, 589
Rainfall 571, 578
Recreation and tourists 578, 595, 596-597; ill. 598; color plates, pages 583, 584, 585, 594, 606, 607, 608, 609
Size 575
Statehood 571, 575, 602
Sugar 571, 575, 597, 600; ill. 577; color plates, pages 592, 593, 610
Transportation 597
Weather 571, 597
Cone shells 63
Hawaii Island, Hawaii 575, 578, 590, 599, 601-602; color plates, pages 604, 610
Hawaiian Forester (lumber vessel) color plate, page 582
Hawaiian Pineapple Company, Ltd. (Dole) 578
Plantation color plate, page 588
Hawaiian Sugar Planters' Association 593, 600
Hawaiian Tuna Packers, Ltd 602
Hawkins, Sir John (explorer) 157, 200
Hawkins Field, Jackson, Miss 95
Hawksbill Mountain, Va 17, 236; color plate, page 240
Hawthorne, Nathaniel (author) 714
Hay: Minnesota 293
Hay River, N.W.T., Canada 526
Hayload, Pony carries: Andorra color plate, page 283
Hays, Mary 1
Head-shaving Shed lane, Peiping 363
Headgear
Kutchin woman color plate, page 479
Natives wear: Wahgi Valley, New Guinea ill. 831, 834, 835, 838, 839, 840, 842, 843, 844
See also Hood
Headlights, Car, behind grill: Andorra ill. 288
"Headquarters Hut": *Palombes* Association ill. 412, 413, 415
Health official: Nogales, Ariz ill. 107

Page

Hearty Folk Defy Arctic Storms. 16 ills. in color from paintings by W. Langdon Kihn. Oct. 479–494
Heels, Rubber, Girl trims: Winchester, Va. color plate, page 29
Heezen, Bruce. 636, 637
Heinz, H. J. 135
Heinz, H. J., Company
  Chambersburg, Pa.: Factory. 4
  Pittsburgh. 135; ill. 132
Heinz, H. J., II. 135
Heinz, Howard. 135
Helen, Princess: Greece. 719
Helianthus tuberosus (artichoke). 181
Helice, capital of ancient Achaia. 848
Helicopters: Arctic regions. 569, 570; ill. 568
Helicostyla annulata (snail). color plate, page 79
  circe. color plate, page 79
  effusa fasciata. color plate, page 79
  festiva. color plate, page 79
  filaris. color plate, page 79
  florida. color plate, page 79
  fulgens. color plate, page 79
  guimarasensis. color plate, page 79
  iloconensis. color plate, page 79
  intorta. color plate, page 79
  jonasi. color plate, page 79
  leucophthalma. color plate, page 79
  limansauensis. color plate, page 79
  magianensis. color plate, page 79
  marinduquensis. color plate, page 79
  metaformis. color plate, page 79
  mirabilis. color plate, page 79
  orbitula. color plate, page 79
  polillensis portei. color plate, page 79
  polychroa. color plate, page 79
  psittacina. color plate, page 79
  reginae. color plate, page 79
  semperi. color plate, page 79
  stabilis. color plate, page 79
  tricolor. color plate, page 79
  woodiana. color plate, page 79
Hell Creek, Oreg. ill. 707
Hellas (Greece). 711, 712, 744
Hellenic Air Lines. 716
Helmet Shells. 63; ill. 36
Hematite (iron ore): Minnesota. 293, 296
Hemlocks: Oregon. 704, 705
Henderson, Bob. 708
Henderson, John B., Jr.: Shell found by. 71, 81
Hendrix, Burnett. 360, 382, 383, 386, 403, 404
Hennepin Avenue, Minneapolis. 298
Henrieville, Utah. 369, 375
Henry VIII (English king). 189
Henry Mountains, Utah. 404
Heny, Gustavo. 655, 657
Hephaesteion (Greek temple). 724
Hephaestus (handy man of the gods). 724
Heraclea (ancient city). 848
Heracles. *See* Hercules
Hercules (mythological hero). 723, 724, 848
Herdsmen, Lapp. color plates, pages 111, 114
Hermosillo, Mexico. 108
  Refueling of plane. ill. 97
Herodotus (historian). 196, 847
Herons: Texas. 642, 651, 652, 653
Herring, Dorothy, "Miss Fairbanks" (1946). color plate, page 516
Herter, George. 311, 331, 335
Hesperides, Apples of. 724
Heyden, Dr. Francis J. 260
Hiawatha and Minnehaha, Statue of: Minneapolis color plate, page 323
Hibbing, Minn. 297; air view 318–319
Hibiscus: Hawaii. 595; color plate, page 579
Hibiscus esculentus (okra). 194; color plate, page 195
Hickam Field, Honolulu. 578
Hidatsa (Indian tribe). 155
Hide, Micmac woman scrapes. color plate, page 493
High Rock Lake, N. C. 94, 95
High school girls, visit Freedom Train: Brooklyn, N. Y. 533
Highways and roads
  Alaska. 505, 510; ill. 506
  Andorra. 267; color plates, pages 272, 280
  Hawaii. color plates, pages 578, 590
  U. S.
    1. 94
    11. 1, 5, 17, 24
    40. 5, 91
    62. 102
    101 A, Santa Monica, Calif. 105
    211. 20, 31
  See also Caracas-Maiquetía road; Espanola-Abiquiu highway
Hikers: Appalachian Trail. ill. 218, 221, 224, 225, 227, 228, 232, 234, 235; color plates, pages 239–247
"Hiker's foot," Ballerina's cure for. color plate, page 239

Page

Hiking
  Skyline Trail (Appalachian Trail) from Maine to Georgia. By Andrew H. Brown. With illustrations from photographs by Robert F. Sisson. 15 ills. in black and white, 16 ills. in color, 1 map (two-page spread). Aug. 219–251
Hildebrand, J. R. ill. 256
Hill, Dr. H. S. 438, 447
Hill, James J. 297
"The Hill" (Los Alamos), N. Mex. 807
Hillman family. 142
Hillside, Boulder-sprinkled: Andorra. color plate, page 282
Hilo (island), Hawaii. 578
Himalayas (mountains), India-Tibet. 150, 185, 189, 198, 206
Himmler, Heinrich. 725
Hirondelle Deep, Atlantic Ocean. 618
Hiroshima, Japan. 807
Historic papers. *See* Freedom Train
Historical Society of Western Pennsylvania. 144
Hitler, Adolf. 287
Hochelaga, Montreal, Canada. 454
Hockey, Ice
  Duluth, Minn. color plate, page 327
  Montreal, Quebec. 453
Hocking County, Ohio: Shells. 33
Hodges, Kelvin (biochemist). 750, 752, 756, 767; ill. 747; color plate, page 760
Hogs: Fairbanks, Alaska. color plate, page 515
Hogwallow Flat, Va. 236
Hokkaido (island), Japan. 581
Hokkaido (soybeans). 217
Hole in the Rock, Utah. 369, 382, 396, 398, 403; color plates, pages 401, 402
Holidays: Honolulu, Hawaii. 595; color plate, page 587
Holland's Food Shop, Rochester, Minn. ill. 336
Hollow, Reginald (chef). 775, 781; color plate, page 760
Hollywood, Calif. 271, 285, 286, 370, 379, 396, 448, 454, 543, 595
Holmes, Oliver Wendell. 65
Holy Land. 718
Home
  Alejo Calcaño (Venezuela Indian). ill. 686
  Halvorson, Mr. and Mrs. Roy, Duluth. color plate, page 306
  Quebec. 449
Homer (Greek poet). 185, 202, 723, 724, 744, 845, 847
Homer, Minn. 335
Homestead (steel) plant, Pittsburgh. ill. 123
Honduras. 168
Honea Path, S. C. 95
Honey Dew. 198; color plate, page 199
Honey trees: Arnhem Land. 773
Hong Kong, China. 578
Honolulu, Hawaii. 575, 578, 596, 597, 600, 602; ill. 576; color plates, pages 582, 584, 586, 587, 590, 605
  Girl with leis. color plate, page 583
  Language. 595–596
Honolulu Academy of Arts. 595
Honolulu Airport. 578
  Flowers. color plates, pages 583, 603
Honolulu Harbor. 571, 578, 600
Hood, Mount, Oreg. 695, 708
Hood
  Azores woman. ill. 637
  Eskimo women carry babies in. 502; ill. 475
Hood River, Oreg. 708
Hood River Valley. 708
Hopi Indians. 159
Hopper's Landing, Tex. 651
Horace. 848
Hormel, George A., & Co., Austin, Minn. 331
Hormel Institute, University of Minnesota. 331
Horne, Joseph, Company, Pittsburgh. 130, 130; ill. 130
Horse Conch Shell. ill. 34; color plate, page 45
Horse Heaven Mountain, Va. 236
Horseback riders
  Great Smoky Mountains. color plate, page 251
  Shenandoah region. color plate, page 27
Horses
  Andorra. color plate, page 282
  Gilded: Minnesota capitol. 298; ill. 293; color plate, page 310
Horticulture. *See* Agriculture
Hotels, Modern: Andorra. 267, 290
House, Charlie. 743
House Office Building, Wash., D. C. air view 92
Houses
  Balconied: Escaldes, Andorra. ill. 263
  Eskimo. 496; color plate, page 491
    Fairbanks, Alaska. 510, 519
  Fairbanks, Alaska. 505, 507, 510, 519
  Hillside: Pittsburgh. ill. 126
  Kutchin Indians. 473
  Native: Wahgi Valley, New Guinea. ill. 852
  New England-style: Manoa Valley, Honolulu. 595
  Old Bering Sea people. 496
  Pyrenees, Western. 405; ill. 410–411

Page

Houses—(Cont.)
Ribeira Grande, Azores ... color plate, page 626
Small, on Indian graves: Minnesota ... 321
See also Home; Huts; Pueblos; Snowhouses; Tepees
Houston, J. C ... 451
Houston, Sam ... 24
Houston, Tex ... 641, 642, 651
Howard, Austin ... 91, 95; ill. 97
Howard, Victor ... ill. 233
Hubbard, Charles J ... 567, 568, 569
Hudson, W. H ... 655, 660
Hudson (river), N. Y ... 219, 220, 235
Hudson Bay, Canada ... 448, 471, 476, 492, 501, 524, 543
Hudson Highlands, N. Y ... 219, 235
Hudson Valley, charted out under water ... 614, 636
Hudson's Bay Company store, Port Harrison ... ill. 432
Hughes River, Va ... 230
Hui Manu (organization): Hawaii ... 575
Hula dancers: Honolulu ... color plate, page 591
Hull, W. J. (hydraulic engineer) ... 597
Hull, Quebec, Canada ... 463
Hull-Rust-Mahoning Mine, Hibbing, Minn ... air view 318–319
Humphrey, Senator Hubert ... 298
Hung Wu (Ming emperor) ... 338
Hungary: Vegetables ... 166, 204
Hunt, Ralph ... 369
Hunter, N. Dak ... 316
Hunter, Seal: Canada ... ill. 561
Hunters and hounds: Millwood, Va ... color plate, page 10
Hunting
Eskimos ... 495, 500, 501; ill. 498; color plates, pages 481, 487, 489
Kutchin Indians ... 473
Naskapi Indians ... 478
See also Pigeon netting; Wolf hunting
Hupmobile ... 297
Hurons (Indians) ... 149
Huskies (dogs) ... 547, 558; color plate, page 487
"Husky Row" (doghouses), Cape Cort Adelaer, Greenland ... ill. 556
Hut
Stone: Andorra ... color plate, page 282
Trappers': Greenland ... ill. 557
Hutchins, Dr. Louis (biologist) ... color plates, pages 623, 625
Huts, Indian: Venezuela ... 665, 683; ill. 663, 686, 687; color plate, page 669
Hutungs (lanes): Peiping ... 363
Hydatina albocincta (Bubble shell) ... color plate, page 70
Hyde, A. A ... 714
Hyde, Arthur ... 91
Hyde Field, Md ... 91; ill. 97
Hydrangeas: Azores ... color plate, page 634
Hydraulic mining, Gold: Alaska ... 507; color plate, page 514
Hydroelectric project
Cascades, Oreg ... 698, 701
Greece ... 743
Hydrographic Office, U. S. Navy ... 24
Hymettus, Mount, Greece ... 715; color plate, page 732
Hysterical Parade: Santa Fe, N. Mex ... 784

I

Iacobos, Painting of ... color plate, page 742
Iao Valley, Maui (island), Hawaii ... 601
Iberian Peninsula ... 187
Ibis (bird): Texas ... 642, 649, 651, 652, 653; color plate, page 650
Ice: Clyde, Baffin Island ... ill. 569
Ice Age ... 611
Ice Water Spring, Great Smokies region ... 236
Iceberg (lettuce) ... 196
Icebergs: Greenland ... ill. 552–553
Icebreaker: Slidre Fiord, Ellesmere Island ... ill. 563
Icecap: Greenland ... ill. 552–553
Iceland ... 527, 567
Icicles: Crater Lake National Park ... ill. 709
Idaho ... 710
Idlewild, Camp, Marcell, Minn ... 305
IFR (instrument flight rules) ... 85
Igarka, R. S. F. S. R ... 528
Igloos. *See* Snowhouses
Iguana (Lizard) Rapids, Venezuela ... 663
Ile d'Orléans, Quebec ... 433, 435, 452; color plates, pages 456, 466
Ilias, Painting of ... color plate, page 742
Illinois ... 217
Imperial (lettuce) ... 196
Imperial City, Peiping ... 339, 341, 348
Imperial Valley, Calif ... 198
Imperial World (building), Peiping ... 341; ill. 366
Inada, Betty Mitsuko ... 596
Inauguration Week: Freedom Train ... ill. 531
Inca city, Machu Picchu, Peru ... 260
Incas (Indians) ... 157
Incredible Andorra. By Lawrence L. Klingman. With illustrations from photographs by B. Anthony Stewart. 7 ills. in black and white, 19 ills. in color, 1 two-thirds-page map, Aug ... 262–290

Page

India (aborigine) ... ill. 779
India ... 575, 597, 847
Shells ... 69
Vegetables ... 150, 151, 159, 166, 168, 191, 194, 204, 206, 209, 210, 211, 213; color plates, pages 207, 208
Indian House Lake, Quebec ... 559
Indian Ocean: Shells ... 33
Indian Rocks, Fla.: Coquinas ... 33
Indian School, Carlisle Barracks, Pa ... 3
Indiana ... 507, 575
Indianapolis, Ind ... 90
Indians
Alaska ... 505
American ... 831
Shells used as wampum ... 64
Arctic regions ... 527, 543, 559
Central America ... 158, 159, 161
Minnesota ... 321
New Mexico. *See* Pueblo Indians
Nomads of the Far North. By Matthew W. Stirling. Paintings by W. Langdon Kihn. 13 ills. in black and white, 16 ills. in color, Oct ... 471–504
Algonquian linguistic stock ... 471
Athapascan linguistic stock ... 471
Burial customs ... 503
Canoes ... 476, 478, 495; color plates, pages 482, 490, 493
Clothing ... 476–477, 478; color plates, pages 479, 480, 493
Houses ... 478
Hunting ... 473, 478
Medicine men (shamans) ... 475, 478
Political organization ... 474–475, 478
Snowhouses ... 478
Tepees ... 478; color plates, pages 480, 482, 493
Transportation ... 474, 476, 478
Warfare ... 475–476, 478
Women, Position of ... 474
See also Cree; Kutchin; Micmac; Naskapi Indians
North American: Vegetables ... 148–149, 155, 161, 166, 183, 189, 198, 200, 202, 206
Pueblo: Adobe New Mexico. By Mason Sutherland. With illustrations from photographs by Justin Locke. 18 ills. in black and white, 28 ills. in color, 1 page map, Dec ... 783–830
South American ... 155, 157, 161
See also Algonquian; Athapascan tribes; Camaracoto Indians
Indigirka (river), R. S. F. S. R ... 527
Indio, Calif ... 106
Indochina ... 150
Industrial research. *See* Research laboratories
Industries
Minnesota ... 295, 315
Pittsburgh: Workshop of the Titans. By Albert W. Atwood. With illustrations from photographs by B. Anthony Stewart, J. Baylor Roberts, and John E. Fletcher. 22 ills., July ... 117–144
Inferno (Dante) ... 602
Ingot, Melted aluminum, Pouring of ... 130; ill. 132
Inner (Tatar City), Peiping ... 339, 348, 362, 363, 367; sketch 340
Inscriptions: Stairway wall, House of Parliament, Athens ... color plate, page 730
Insect, "Walking stick": Arnhem Land ... color plate, page 765
Insects
Collection of: Arnhem Land, Australia ... ill. 751
Eaten: Arnhem Land ... 756
Insemination, Artificial, of cattle
Greece ... 717
Minnesota ... 293
Inspiration Point, Bryce Canyon Park ... 369
International (mill), Minneapolis ... 316
International Airport, Nogales, Ariz ... 108; ill. 107
International Bridge, El Paso, Tex ... 102
International Exhibition of Contemporary Paintings, Carnegie Institute ... 140
International Falls, Minn ... 308, 322
International Institute, St. Paul ... color plate, page 307
Interwoven Stocking Company, W. Va ... 8; color plate, page 29
Intracoastal Waterway, Texas region ... 642, 654
Inyalark Hill, Arnhem Land ... 775, 778, 780
Ioana (corn) ... 155
Ioánnina, Greece ... 715, 716, 718, 721, 742; color plate, page 740
Iolani Palace, Honolulu ... 578
Ion-exchange sugar: Hawaii ... 600
Ionian cities ... 847
Ionian Sea ... 848
Iowa, U.S.S ... color plates, pages 580, 581
Ipomoea batatas (sweet potato) ... 168; color plate, page 169
Iráklion, Crete ... 715
Iran ... 719
Vegetables ... 196, 198, 204; color plate, page 199
Iraq ... 193

Page

Ireland 157, 170
Iron
  Eskimos make use of 500
  Pig, first from taconite 296
  Powdered, production from carbonate slate 296–297, 298
Iron collar, Pretended jailbird wears: Andorra ..... ill. 289
Iron Curtain, The 713, 714, 715
Iron lung: Mellon Institute ..... ill. 119
Iron mine
  In middle of lake: Minnesota ..... 293; color plate, page 309
  Open-pit: Hibbing, Minn ..... 295, 297; air view 318–319
Iron ore: Minnesota 291, 293, 295–296
Iroquois (Indian tribe) 155, 183, 200
Irrigation
  Arizona 106
  Costa Rican 600
  Greece ..... 721, 743; ill. 722
  Hawaii ..... 597, 600; ill. 577
  Oregon 704, 710
  See also Snow survey
Irrigation canal: Andorra ..... ill. 286
Irrigation flume, on sugar plantation: Hawaii ..... ill. 577
Irwin, Pa 144
Isabela (Crooked) Island, Bahamas 196, 198
Isabella (Spanish queen) 578
Isachsen Island (Ellef Ringnes peninsula) 524
Isachsen Peninsula, Canada 525, 568
Ischnochiton conspicuus (shell) ..... color plate, page 54
  elongatus ..... color plate, page 54
  floridana ..... color plate, page 54
  limaciformis ..... color plate, page 54
Islands, Snow: Hell Creek, Oreg ..... ill. 707
Isocardia lamarcki (shell) ..... color plate, page 75
Isognomon alatum (Purse shell) ..... color plate, page 46
Israelites (people) 203
Istanbul, Turkey 528, 715, 743, 744, 845
Ister. *See* Danube River
Isthmian Line (steamship) 571
Italians: Vegetables 161, 180, 211
Italy 845, 847, 848
  Vegetables 161, 164, 170, 174, 177, 181, 185, 187, 196, 202, 206
Itasca, Lake, Minn 302
Itasca State Park, Minn ..... color plate, page 302
Itchaak, Wilbur 519
Iwo Jima (island), Volcano Islands 576
  Flag, U. S., raised on ..... ill. 541
Izard (animal): Andorra 290
Izmir, Turkey 848

J

Jacinto (Indian boy) ..... 662, 683; color plate, page 677
Jack Wade, Alaska 510
Jackson, Stonewall 17, 23, 24
  Figure, Unfinished: Stone Mountain, Ga. air view 93
  Statue ..... ill. 6
Jackson, Miss 95
Jacob (Biblical character) 447
Jade Fountain, China 342, 343, 367
Jade Street, Peiping 349, 367
Jailbird, Pretended, in outdoor lockup: Andorra ..... ill. 289
Jamaica (island), West Indies 211, 575
Jamaica dogwood: Florida Keys 33, 82
James (river), Va 219
James Bay, Quebec, Canada: Cree mother ..... ill. 477
James huts: Prince Patrick Island, Canada 570
Jamestown, Va 200, 431
Jan Smuts Street, Athens 713
Janthina janthina (snail) ..... color plate, page 46
Japan 528, 571, 575, 576
  Shells 81
  Vegetables 157, 162, 168, 174, 202, 209, 213, 215, 216, 217
Japanese (people) 212, 215
Japanese Americans: Hawaii ..... 575, 595, 596; ill. 574, 596; color plate, page 589
Japanese Emperor 81
Jar, Burial: Agora, Athens 724
Jarman Gap, Va 18
Jason 735
Jasper, Ga 236
Java 597
  Rice paddies 722
  Snails 82
Jeeps: Escalante Expedition, Utah ..... 369, 370, 386, 403; ill. 381, 385; color plates, pages 372, 387, 390, 391, 394, 396, 400
Jefferson, Thomas 24, 161, 164, 194
  Declaration of Independence, Original draft of ..... 529; ill. 535
Jefferson, Mount, N. H. ..... color plate, page 240
Jefferson, Mount, Oreg 695, 708
Jefferson County, W. Va 8
Jefferson Memorial, Wash., D. C. ..... air view 92
  Mural: Athens, Greece ..... ill. 719
Jejenes (flies) 657, 666

Page

Jemez Mountains, N. Mex. ..... 783, 807, 814; color plate, page 819
Jemez River, N. Mex. ..... color plate, page 818
Jerusalem, Slaves from, built Colosseum 847
"Jesus Loves Me" (song) 429
Jet, Water: Gold mining: Alaska ..... 521, 522; color plate, page 514
Jewelry, Indian: New Mexico ..... color plate, page 797
Jewelry manufacturers: Minnesota 335
Jib, *Atlantis* ..... color plate, page 627
Jingle Shell ..... color plate, page 42
Jinny Grey Fire Road, Va 236
Joan of Arc statue: Quebec ..... color plate, page 442
Jogun (soybeans) 217
John (English king) 534
Johnson, Dr. David H. (mammalogist) ..... 417, 418, 426, 749, 750, 755, 758, 775, 780, 781; color plate, page 760
Johnson, E. F., Company, Waseca, Minn 335
Johnson, Earl 403
Johnson, Jim ..... 417, 420; ill. 420
Johnson, John ..... 369, 370; ill. 384
Johnson, Nelson T.
  Power Comes Back to Peiping. By Nelson T. Johnson and W. Robert Moore. With 18 ills. in color from natural-color photographs by Lt. David D. Duncan. 8 ills. in black and white, 2 maps, Sept. 337–368
Jolley, L. G. 708
Jones, Archie 76
Jones, Capt. Art 656, 662, 663, 688
Jonquière, Quebec, Canada 438
Jordan, Gaye ..... ill. 141
Jorge Washington (peak), Venezuela 666
José (barber) 635
Josten Manufacturing Co., Owatonna, Minn 335
Jouett, John 24
Juanita (Indian girl) 662, 665, 690
Jubilee. *See* Golden Jubilee
Judiciary Building, Honolulu ..... color plate, page 586
Jujube (dates): Peiping ..... color plate, page 357
Julianehaab, Greenland 558
"Jumbo" (staysail), *Atlantis* ..... color plate, page 627
Juneau, Alaska 510, 558
Jungle Journey to the World's Highest Waterfall. By Ruth Robertson. With illustrations from photographs by the author. 13 ills. in black and white, 17 ills. in color, 1 two-thirds-page map, Nov. 655–690
Junonia (shell) ..... 58; color plate, page 43

K

Kabardino Balkar (autonomous republic), R. S. F. S. R. 528
Kabul, Afghanistan 191
Kaffe Fest: Willmar, Minn 317
Kahanamoku, Duke (swimmer) 595
Kahili (flower standards): Honolulu 595
Kahoolawe (island), Hawaii 578
Kai-shek, Chiang: Portrait of ..... color plate, page 362
Kaibab Plateau, Ariz.-Utah 370
Kaiparowits Plateau, Utah ..... 386, 403, 404; color plates, pages 396, 397
Kakimochi (food): Hawaii 597
Kalamata (Kalámai), Greece 715, 726
Kalamazoo, Mich 716
Kalana (New Guinea native) ..... ill. 843
Kalávrita, Greece 743
Kale ..... 172; color plate, page 173
Kalihi (shopping district), Honolulu 595
Kalívia, Crete 716
Kallídhromon, Mount, Greece 721
Kamehameha I (Hawaiian chief) 590, 602
  Statue of ..... color plate, page 586
Kamehameha Day (holiday): Honolulu ..... 595; color plate, page 587
Kamehameha Highway, Honolulu 578
Kanab, Utah ..... 379; ill. 385
Kanana (dance) 843
Kandalaksha, R. S. F. S. R. 527
Kangaroos, Drawings of, on rock: Arnhem Land ..... ill. 782
Kansas: Skyway 85, 88, 108
Kansas City, Mo.: Milling center 334
Kapiolani Boulevard, Honolulu 578
Kara-imo (Chinese potato) 168
Karlson, Arvid 640
Kashgar, Sinkiang 346, 363
Kastoria, Greece ..... 716, 718, 719; color plate, page 736
Katahdin, Mount, Maine ..... 219, 220, 226, 236; ill. 221, 225; color plates, pages 238, 239
Káto Klitoría, Greece 743
Kauai (island), Hawaii ..... 578, 590, 601, 602; color plate, page 606
Kauaka, Lillian Kuhiana 596
Kaufmann, Mrs. Arthur ..... ill. 532
Kaválla, Greece 715
Kayaks (Eskimo boats) ..... 495, 496, 497; color plate, page 481
  Greenland ..... ill. 554, 559

Page

KBEI (short-wave radio station), Medford, Oreg. 704
KDKA (radio station), Pittsburgh 121, 134
Kee-Bird (B-29) 525
Keeaumoku Street, Honolulu 597
Keerweer, Cape, Australia 745
Kelly, Colin P., 3d 535
Kenai Peninsula, Alaska 522
Kennebago (lake), Maine 236
Kennebec River, Maine 219
Kennedy, Minn 312
Kennedy Channel, Ellesmere Island-Greenland 560
Kensington, Minn 331
Kensington Runestone 331
Kent, Duchess of 710
Kent, Bob ill. 704
Kent, Fred (seaman) 638
Kent Gate, Quebec City color plate, page 443
Kentish, Mr. and Mrs. Rupert 417
Kérkira (Corcyra) island, Greece. *See* Corfu
Kerowagi, New Guinea 834, 835, 844; ill. 832, 834, 836-837, 838, 844
Kerrville, Tex 651
Ketch. *See Atlantis*
Ketchup, Making of: Pittsburgh 135
Kettering, Dr. Charles F 261; ill. 254, 261
Kettles, Copper: New Mexico color plate, page 796
Kewanzee, Camp, Va 248
Key, Giant, Boy holds: Andorra color plate, page 276
Key West, Fla 35, 82
Keyhole, Hand-size: Casa la Vall, Andorra color plate, page 277
Keyhole Limpet 60; color plate, page 47
KFAR (radio station), Fairbanks, Alaska 505; ill. 508, 509
KGW (radio station), Portland, Oreg 708
Khabarovsk, R. S. F. S. R 528
Khaniá, Crete 715, 716
Khans (rulers) 363
Khibiny district, R. S. F. S. R 527
"Kidney bean" 159
Kiene, Frank 312
Kifisiá, Greece 713
Kihn, W. Langdon 471
Hearty Folk Defy Arctic Storms. 16 ills. in color from paintings by W. Langdon Kihn. Oct 479-494
Kilauea (volcano), Hawaii (island) 578
Kilburne, Golden (biologist) 369
Killington Peak, Vt 226
King, Mrs. Muriel 723
King, William Lyon MacKenzie 431
King Corn, honored: Minnesota 317
King Helmet (shell) ill. 84
King Island, Alaska color plate, page 491
"King of Revet" (Gerhard Antonsen) 551
King Ranch, Tex 265, 602
King Street
Chambersburg, Pa 5
Honolulu, Hawaii 578
King's Guard Battalion: Greece 714; color plates, pages 730, 731
"King's Surf," Waikiki Beach 595
Kinsley, Otho 103
Kinsley Ranch, Tucson, Ariz 103
Kiosk of Clouds Reflected in the Waters, Peiping 363
Kirovsk, R. S. F. S. R 527
Kiruna region, Sweden 527
Kitchen, John 370
Kitchen, Molly 370
Kitchen
Camp, Native cat in: Arnhem Land ill. 781
Mountaineer's: Virginia color plate, page 32
Snow wall: Sno-Cat expedition ill. 699
Kitchen Canyon, Utah 370
Kitchens: Andorra 268
Kittatinny Mountain, N. J 219
Kivas: New Mexico 789, 803, 814, 821, 823
Kleinschmidt's, A. R., Lakefish canning company 331
Klingman, Lawrence L.
Incredible Andorra. By Lawrence L. Klingman. With illustrations from photographs by B. Anthony Stewart. 7 ills. in black and white, 19 ills. in color, 1 two-thirds-page map, Aug. 262-290
Klondike (river), Yukon, Canada 507
Knapsack, Girl hiker carries ill. 235
Knee, Ernest 656, 659, 665, 666, 683, 689; ill. 690
Knife, Eskimo's ill. 561; color plate, page 488
Knights of the Golden Horseshoe, Monument to: Virginia 21
Knowlton, Quebec, Canada 452
Knuth, Count Eigil 550
Knutsen, Willie 543, 545, 546, 565; ill. 544, 547
Milestones in My Arctic Journeys. By Willie Knutsen. 22 ills., Oct 543-570
Knutson, Dr. John W 315
"Kodachrome Flat," Utah 369; color plates, pages 374-375
Kogaluk River, Quebec, Canada 448
Kohlrabi 170; ill. 146; color plate, page 171
Kokadjo, Maine 236
Koko Head, Honolulu 578

Page

Koksoak River, Quebec 447
Kola Peninsula (Kolski Poluostrov), R. S. F. S. R 527
Kolyma (river), R. S. F. S. R 527, 528
Komi (autonomous republic), R. S. F. S. R 528
Komotiní, Greece 715
Komsomolsk, R. S. F. S. R 528
Kookaburra: Arnhem Land color plate, page 765
Koolau Range, Honolulu 578, 601
Koppers Company, Inc., Pittsburgh 120
Korea 360
Kotlas, R. S. F. S. R 528
Kozáni, Greece 715
Kublai Khan 337, 340, 346, 368
Kudgil (New Guinea native) ill. 843
Kuibyshev, R. S. F. S. R 528
Kulpija (aborigine) 755; color plate, page 761
Kumbiala (aborigine) color plate, page 761
Kuomintang (political party), China 351
Kure (Ocean Island), Hawaii 602
Kuru (vessel) 756
Kutchin Indians 471, 473-474, 475-476, 495, 504; color plates, pages 479, 483
Kuznetsk Basin, R. S. F. S. R 528
KYJC (radio station), Medford, Oreg 601
Kyoto, Japan: Conch shells ill. 59
Kyushu (island), Japan 168

L

Labb (dog) 547, 550; ill. 547
Labor policy, Hormel & Co 331
Laboratories. *See* Food laboratories; Research laboratories
Labrador 471, 478, 501
Helicopter rescue ill. 508
Shells 35, 58
See also Goose Bay
Labrador Mining and Exploration Company Limited 448, 526
Labrador Peninsula 476, 478
Lac Beauport, Quebec color plate, page 460
Lac Kénogami, Quebec 438
Lac Laurent, Quebec color plate, page 461
Lac qui Parle, Minn 291
Lace Murex color plate, page 45
Lachine, Quebec 450
Laconia (region), Greece 726
La Conquistadora (Virgin) 790, 824, 830
Lactuca sativa (lettuce) 196; color plate, page 197
scariola (Wild lettuce) 196
Ladd Air Force Base, Fairbanks, Alaska 505, 524; color plate, page 512
Lady (peas) 211
Lady's Ear Shell 58; color plate, page 44
Laevicardium laevigatum (shell) color plate, page 75
mortoni color plate, page 46
La Fraternité Coopérative 450
La Gorce, Gilbert Grosvenor ill. 256
La Gorce, John Oliver 36
Golden Jubilee 255, 258, 260; ill. 257, 258, 261
Toastmaster, at banquet 255, 258
La Gorce, Mrs. John Oliver ill. 36, 257
Laguna Madre, Tex 642, 651
Laime, Alejandro (Latvian) 655, 657, 658, 659, 662, 663, 665, 666, 683, 684, 685, 688, 689, 690; ill. 690; color plates, page 667, 673
Lake, Summer Palace, Peiping 367; ill. 342-343
Lake Harbour, Baffin Island, Canada 558
Lake Mining Company's Embarrass Mine, Minn. color plate, page 309
Lake O'The Cherokees, Okla 86
Lake of the Woods, Minn.-Ontario 322, 693, 695
Lake Sept Isles Lodge, Quebec 452
Lakes
Azores color plate, page 630
Cirque des Pessons, Andorra color plates, pages 275, 281
Lakes of the Clouds Hut, N. H. 222, 224; color plate, page 243
Lam, Bob 20
Lam, Lessie 20
Lam, W. O. (farmer) color plate, page 30
Lama Temple, Peiping 367
La Malbaie. *See* Murray Bay, Canada
La Massana, Andorra 290
Lamb, Lamar 829
Lambis millepeda (shell) 64; color plate, page 67
rugosa ill. 37; color plate, page 68
Lamia, Greece 722
La Mona (Indian child) color plate, page 669
Lamps, Eskimo stone or pottery 501
Lamy, Archbishop John B 790
Lanai (island), Hawaii 578, 599
Lancaster, Pa 2
Land, Vice Adm. Emory S. 258; ill. 256, 260
Land, Mrs. Emory S. ill. 257
Land O' Lakes Creameries, Inc., Minn. 316; color plate, page 313
"Land of Ten Thousand Lakes" (Minnesota) 291

Page

Land Snails ..... 33, 40, 81–82; color plate, page 78
Landscape Arch, Arches National Monument, Utah .. 404
Lane, Capt. Adrian K 611, 616, 618
Langdon, J. P 708
La Normandie Hotel, Percé, Quebec 450
Lantern Street, Peiping 349, 367
Lapland 543, 544
Lapland's Reindeer Roundup. 14 ills. in color from natural-color photographs by Göran Algård and William J. Storz. July 109–116
Lapps (people) ..... 543; color plates, pages 109–116
Larissa, Greece 715
La Roca de la Salve, Andorra 262
La Spezia, Italy 845
Lasso casting, reindeer: Lapland ... color plates, pages 110, 111, 114
Las Vegas, Nev 597
Lathrop, Austin E. (Cap) ... 505, 506, 508; color plate, page 515
Latiaxis deburghiae (shell) ..... color plate, page 70
Laughing jackass (bird). *See* Kookaburra
Laundress, Lapp ..... color plate, page 112
Laurentian Mountains, Quebec ... 431, 452; color plates, pages 456, 464
Laurentides Park, Quebec 452
Lauzon, Quebec: Shipyards ..... ill. 435
Lava (volcanic)
  Cascades, Oreg 700, 703
  Hawaii ..... ill. 601; color plate, page 604
Laval, Bishop 432
Laval University, Quebec 432, 450
LCVP: Slidre Fiord, Ellesmere Island ..... ill. 563
Lean-to, Old Rag Mountain, Va ... color plate, page 245
Le Conte, Mount, Tenn ..... 235; ill. 228
Lederer, John (explorer) 17
Leduc, Alberta, Canada 526
Lee, Robert E 24
  Figure, Unfinished, Stone Mountain, Ga ... air view 93
Lee, Mrs. Robert E 17
Leek 202
Lees Ferry, Ariz ..... 379; color plate, page 378
Lefse Fete: Milan, Minn 317
Legation City, Peiping 337, 339
Legends
  Arnhem Land, Australia 752, 753, 755, 758, 780
  Hawaii 597, 602
Leis: Hawaii ..... color plates, page 579, 583, 586
Lekeu, G. (Greek composer) 713
Lemmings (rodents): Arctic regions ... 545, 546, 547, 565
Lemon Squeezer, N. Y 236
Lemons: Corona, Calif 101
Lena (river), R. S. F. S. R 527, 528
Lend-Lease aircraft 505
Leningrad, R. S. F. S. R 528
Leonidas (King of Sparta) 721, 737, 845, 848
Leper colony, Molokai (island), Hawaii 578
Lepidochiton lineata (shell) ..... color plate, page 54
Léros (island) Greece 721
Lerrimaria (aborigine) ..... ill. 753
Les Chenaux, Quebec, Canada 433
Letter
  Christopher Columbus': Freedom Train 529
  Thank you: Filipino guerrilla 430
Letters of esteem, to Dr. Grosvenor ... 254–255; ill. 257
Lettuce ..... 196; color plate, page 197
  Cos. *See* Romaine
  Wild Lettuce 196
Leucate, Cliffs of, Greece 848
Lévis, Quebec, Canada ..... 434; ill. 434–435
Lewis, Sinclair (author) 331
Lexington, Va ..... 24; ill. 6
Leyte (island), Philippines 581
Libby, McNeil & Libby 600
Library
  American: Athens, Greece ..... ill. 719
  Trappist Monastery: Quebec 447
Library of Congress, Wash., D. C ..... air view 92
Lichens, speckle boulders: Mount Katahdin ..... ill. 221
Licking River, Ohio ..... air view 90
Liechtenstein 265
Lien, Torger 335
Liers, Emil E 335
Lighthouse, Split Rock Light, Minn ... color plate, page 303
Lignite, for fuel 315
Liguria (region), Italy 845
Ligurians (people) 181
Liguus (Tree Snail genus) 33, 82
  achinatus ..... color plate, page 77
  blainianus ..... color plate, page 77
  crenatus ..... color plate, page 77
    caroli ..... color plate, page 77
    floridanus ..... color plate, page 76
    lossamanicus ..... color plate, page 76
    marmoratus ..... color plate, page 76
    mosieri ..... color plate, page 76
    nebulosus ..... color plate, page 76
    vacaensis ..... color plate, page 76
  fasciatus aguayoi ..... color plate, page 77
    castaneozonatus ..... color plate, page 76

Page

Liguus (Tree Snail genus)—(Cont.)
    castaneus ..... color plate, page 76
    fasciatus ..... color plate, page 77
    helianthus ..... color plate, page 77
    laureani ..... color plate, page 77
    lineolatus ..... color plate, page 76
    mcgintyi ..... color plate, page 77
    pallidus ..... color plate, page 77
    roseatus ..... color plate, page 76
    torrei ..... color plate, page 77
    versicolor ..... color plate, page 76
    vignalensis ..... color plate, page 77
    viridis ..... color plate, page 77
  flammellus bermudezi ..... color plate, page 77
    cubensis ..... color plate, page 77
    flammellus ..... color plate, page 77
  poeyanus ..... color plate, page 77
  solidus dryas ..... color plate, page 76
    graphicus ..... color plate, page 76
    pseudopictus ..... color plate, page 76
  virgineus ..... color plate, page 77
Liliuokalani (Hawaiian queen) 571
Lilly, Josiah Kirby 140
Lily family ..... 202; color plate, page 203
Lima, Peru 159
Lima dalli (shell) ..... color plate, page 71
  lima ..... ill. 40
  scabra ..... color plate, page 44
Limestone: Minnesota 331
Limestone mine: West Virginia ..... ill. 19
Limpets ..... color plate, page 42
Lincoln, Abraham 191, 724
  Gettysburg Address, Handwritten script ... 529; ill. 535
Lincoln, Leroy A ..... 258; ill. 257
Lincoln (automobile): Andorra 262
Lincoln Highway, U. S 4, 91
Lindbergh, Congressman: Memorial park to 322
Lindbergh, Charles A 322
Linen, Fiber flax: Minnesota 292
Linguistic stocks: Far North America 471
Linnaeus (rhubarb) 191
Lioconcha tigrina (shell) ..... color plate, page 75
Lion Gate, Mycenae, Greece 725
Lions, Stone: Peiping ..... color plates, pages 348, 358
Lion's Paw (shell) ..... 58; color plate, page 43
Litchfield, Minn 317
Little Champlain Street, Quebec City 432
Little Doris Dean (ballad) 20
Little Eldorado (creek), Alaska 507
Little Falls, Minn 322
"Little Heiskell" (statue), Hagerstown 8
Little Lagoon, Australia 430, 755
Little Pink Murex ..... color plate, page 47
Little Stem Jersey (potato) 168
"Little Texas" (section), N. Mex 825, 826
Littorina angulifera (periwinkle) ..... color plate, page 47
  littorea ..... color plate, page 42
  obtusata ..... color plate, page 42
Liu, James T. C ..... ill. 136
Liver oil, Burbot: Minnesota 322
Liverpool, England: War bride from 814
Livingston, Ala 95
Livingstone, David (missionary-explorer) 103
Lizards, Collection of: Arnhem Land ..... ill. 751
Lizarrieta, Col de (pass), Pyrenees ..... ill. 405
Lobel, Matthias (botanist) 164
Locke, Justin
  Adobe New Mexico. 28 ills. in color from natural-color photographs by Justin Locke. Dec ... 791–822
  Appalachian Valley Pilgrimage. 18 ills. in color from natural-color photographs by Justin Locke and J. Baylor Roberts. July 9–32
Locker, Bear-proof, Field cabin's: Oregon 692
Lockhart family 142
Lockup, Outdoor: Andorra ..... ill. 289
Lodge: Utah ..... 379; ill. 385
Log boom: Dove Tail Lake, Minn ... color plate, page 308
Logdrives, Chena River, Alaska 519
Logrollers: St. Croix (river), Minn ... color plate, page 302
Logs: Gatineau River, Quebec ... color plate, page 463
Lomi-lomi salmon: Hawaii 597
London, England 168, 204, 845
Londonderry, N. H 157
Lone Rock, Utah 379, 386
Lone Stone (road marker), Utah ... color plate, page 390
Lonesome Lake, N. H 222, 236
Long Beach, Calif 106
Long Black Spanish (radish) 213
Long Island, Greece. *See* Makronísi
Long Island, N. Y 170
Long Lakes, Minnesota has 99 291
Long Red (beets) 187
"Long Tom." *See* Needlefish
Long Trail, Vt 226, 227
Long walls (fortified highways): Greece 720
Loom, Handicraft: Quebec ..... color plate, page 470
Loripinus chrysostoma (shell) ..... color plate, page 41
Lortie, Léon 450
Los Alamos, N. Mex ..... 783, 807, 809; ill. 785, 825

Page

Los Angeles, Calif. ... 101, 105, 106, 265, 571
Los Angeles Airport ... 106
Lost World (Doyle) ... 655, 660
Loucheux (Kutchin Indian tribe) ... 473, 483
Louisiana ... 575, 641
  Skyway ... 98; air view 96
  Vegetables ... 181, 194
Lounge, Pilots': Atlanta, Ga. ... ill. 86
"Love apples." *See* Tomatoes
Low Countries ... 174
Lower Town, Quebec City ... 432, 433; ill. 434-435; color plate, page 440
Lowrey, Perry ... 659, 664, 665, 666, 683, 688, 690; ill. 684, 690; color plate, page 667
Luau (native feast): Hawaii ... color plate, page 609
Lucke, Dr. John ... color plates, pages 625, 627
Ludefisk Day: St. James, Minn. ... 317
Luluai (chief) of Kerowagi, New Guinea ... ill. 835
Lumber, imported: Hawaii ... 582
Lumbermen: Maine ... 221, 222
Luray, Va. ... 14, 20, 246
Luray Caverns, Va. ... 21
Luray-New Market road (U. S. 211) ... 20, 31
Lures, Fish: Minnesota ... 335; color plate, page 311
Luxembourg ... 265
Luxembourg article, Groote Eylandt boys look at ... ill. 757
Luzon (island), Philippines: Shells ... 33
Lyceum, Athens, Greece ... 845
Lycopersicon esculentum (tomato) ... 161; color plate, page 160
Lyle, W. L. ... 232
Lynburner, J. H. ("Red") ... 447
Lynn, Johnny ... 510

M

Maas, Pete ... 507
Mabou (Micmac place name) ... 490
MacArthur, Gen. Douglas A. ... 571
MacArthur, Margaret (nutritionist) ... 750, 752, 753, 756, 778; color plates, pages 760, 766
McCarthy, Fred (anthropologist) ... 750, 752, 753, 755, 756, 757, 778, 780; ill. 776, 782; color plate, page 760
McCormick, Cyrus ... 24
McCrossen Textiles ... 797
MacDonald, Donald ... 519
MacDonald (rhubarb) ... 191
McDorman, Mrs. Nellie ... color plate, page 31
Macedonia, Greece ... 715, 743, 847
McGill University, Montreal ... 452
McGinty collection (shells) ... 58
Machu Picchu, Peru ... 256, 260
MacKaye, Benton ... 220
Mackenzie, Alexander (explorer) ... 477
Mackenzie River, Canada ... 471, 473, 526; color plate, page 488
Mackenzie River Delta ... 471, 496, 500, 504
McKinley, Mount, Alaska ... 523
McKnew, Dr. Thomas W. ... 254; ill. 256, 257
MacMillan, Donald (explorer) ... 567
McNally, Dr. Paul A. ... 260; ill. 256
MacNaughton, Boyd ... 600
Macrocallista maculata (shell) ... color plate, page 44
  nimbosa ... color plate, page 47
Mactra violacea (shell) ... color plate, page 73
Macuai-tepuf, Venezuela ... 663
Madeira (islands), Atlantic ... 575
Madison, Mount, N. H. ... color plate, page 240
Madrid, Spain ... 790, 808
Maeander River. *See* Menderes River
Magadan, R. S. F. S. R. ... 527, 528
Magellan, Fernando (navigator) ... 157
Magna Carta (1215), Copy on Freedom Train ... 529; ill. 534
Magnelite: Minnesota ... 296
Magnetometer ... 615
  Air-borne, aids in geological surveys ... 135, 295
Magnitogorsk, R. S. F. S. R. ... 528
Magog, Quebec, Canada ... 451
Mahoosuc Range, Maine ... 219
Mail service: Fairbanks, Alaska ... 507
Main Street, Athens, Greece ... 714
Main Street town ... 331
Maine ... 191, 559
  Appalachian Trail ... 219, 220-222, 223; ill. 221, 225; color plates, pages 238, 239
  Coast: Mollusks ... 33, 35, 60
  Training sled dogs ... ill. 566
Mainsail, *Atlantis* ... color plate, page 627
Maintenon, Madame de ... 204
Maize ... 148, 149, 155, 159, 161
  Corn God sows, Carving of ... ill. 151
Major, British: Greek army trained by ... ill. 717
Makapuu Beach, Honolulu ... 595; color plate, page 608
Make-up, War, Indians wear: New Mexico ... 814
Makronisi (island), Greece ... 711, 712, 744; color plates, pages 738, 739
Malacca, Straits Settlement ... 215
Malaya: Vegetables ... 150, 168, 215

Page

Malays (people): Arnhem Land ... 746, 753, 757
Malemutes, Alaskan (sled dogs) ... 505, 519, 522
Malleus albus (shell) ... color plate, page 70
Malta (island), Mediterranean ... 845
Mammals: Arnhem Land, Australia ... 755
Mammoth, Baby, Prehistoric ... 507, 510, 514; ill. 509
Man
  And horse: New Mexico ... color plate, page 804
  Drinks wine from *porrón*: Andorra ... color plate, page 276
  Native, lies dead: Wahgi Valley, New Guinea ... ill. 842
  Views rock paintings: Arnhem Land ... color plate, page 763
Man and woman, examine keyhole: Andorra Parliament ... color plate, page 277
Manatt, J. I. ... 725
Manchu City, Peiping ... 339
Manchu Conquest: China ... 337
Manchuria ... 337, 341, 360
Manchus (rulers), China ... 339, 345, 346, 363, 368
Mandan (Indian tribe) ... 155
Mandarin Hat Shell
  Acmaea pustulata ... color plate, page 44
  testudinalis ... color plate, page 41
Mangrove tree, Scarlet-flowering: Arnhem Land ... 758
Mangum, Margaret ... ill. 542
Manhattan, N. Y.: Furs ... 718, 719
Manitoba, Northwest: Cree camp ... color plate, page 482
Mankato, Minn. ... 331
Mann, Dr. William M. ... 260; ill. 256
Manoa Valley, Honolulu ... 595
Manoir Richelieu, Murray Bay, Quebec ... 461
Mansfield, Richard ... 141
Mantle (mollusk organ) ... 39
Manuel (Indian guide) ... 665, 683; color plate, page 676
Mao, W. K., models coat ... color plate, page 354
Mao Tze-tung: Portrait in parade ... ill. 338
Map supplement articles
  The Society's New Map of Classical Lands. Text accompanying special map supplement in colors. 1 ill., Dec. ... 845-848
  Air travelers, Guide for ... 848
  Highways ... 848
  Insets ... 845, 847, 848
  International boundaries ... 848
  Mythological characters, List of ... 848
  Notes, Historical ... 845
  Place names ... 845
  Railroads ... 848
  Regional names, ancient times ... 845
  St. Paul's journeys ... 845, 847
  Scale ... 845
  Scope ... 845, 847
  Seven Wonders and other accomplishments ... 847
  Terminals, Air ... 848
  Top of the World: The National Geographic Society's New Map of Northlands. Text accompanying special map supplement in colors. Oct. ... 524-528
  Airline distances, Table of ... 528
  Airports, U. S., Number of ... 525
  Flights over North Pole ... 524-525
  Minerals and other natural resources ... 526-527
  Scale ... 524
  Size ... 524
  Soviet activity ... 527
  Survival in Arctic, Air Force taught ... 525
  Weather outposts ... 525
Maps
  Andorra ... 265
  Appalachian Trail, from Maine to Georgia ... 222-223
  Arnhem Land, Australia ... 748-749
  Phoenix route shown ... 421
  Basque country, France-Spain ... 406
  China, Coastal, showing Peiping, Nanking, Shanghai, and Suchow sections dominated by Red Army ... 341
  Classical Lands of the Mediterranean, supplement, Dec.
  Escalante Land, Utah ... 380
  Great Appalachian Valley, U. S. ... 3
  Hawaiian Islands, with inset of Honolulu ... 575
  Mid-Atlantic Ridge Expedition ... 615
  Minnesota, with enlargement of Minneapolis and St. Paul ... 294-295
  New Mexico: Pueblo land ... 787
  Oregon, Sno-Cat route along the Cascades ... 695
  Peiping, showing diagrams of Inner and Outer cities, various temples, and walls ... 340
  Quebec Province, Canada, showing Montreal, Quebec (city), Gaspé Peninsula, and St. Lawrence (river) ... 436-437
  The Top of the World (Arctic region), supplement, Oct.
  United States, showing the Wright Way, and nine other skyways ... 88-89
  Venezuela, showing route taken by Ruth Robertson to Angel Falls ... 659
Maps, Text and illustrations of
  Girl holds map: Appalachian Trail ... ill. 230

Page

Maps. Text and illustrations of—(Cont.)
Hemispheric ... 846
Oil research laboratory's output: Pittsburgh ... 135
See also National Geographic Society: Map supplements
Maquis (Underground): Andorra ... 287
Maranboy, Mr. and Mrs. (Australian aborigines) ... 427, 428
Marble Canyon, Ariz ... 384; ill. 382
Marble Canyon Lodge ... 369, 382, 403
Marble Snails ... color plates, pages 41, 42
Marcano, Col. Jorge ... 688
Marcell, Minn.: Fishermen with fish ... color plate, page 305
March Air Force Base, Calif ... 106
Marchand, Jean ... 433
Marcross (corn) ... 155
Margarita Island, Venezuela ... 200
Marginella carnea (marginella) ... color plate, page 47
Mari (autonomous republic), R. S. F. S. R ... 528
Marine Corps Air Station, Quantico, Va ... 94
Maritime trade: Phoenicians ... 847
Markel, Johnny ... ill. 541
Market place: Ancient Athens ... color plate, page 728
Markets: Peiping ... color plates, pages 351, 352, 353, 357
Marks Air Force Base, Nome, Alaska ... 525
Markwith, Carl R ... ill. 86, 97, 99, 103, 107
Skyway Below the Clouds. By Carl R. Markwith. With illustrations from photographs by Ernest J. Cottrell. 15 ills., 1 map (two-page spread), July 85–108
Marlin: Hawaii ... 597
Marquette, Father (explorer) ... 193
Marriage customs: Nondugl, New Guinea ... 843
Marshall, George C. ... 6, 24; ill. 718
Marshall Hall, Md ... 91
Marshall Plan. *See* European Recovery Program
Martin, Chris ... 91, 95; ill. 97
Martinez, Maria ... ill. 809
Martinsburg, W. Va ... 8
Martyr, Peter ... 166, 168
Mary, Cape, Greenland ... 548
Mary Baldwin College, Va.: Chinese culture class color plate, page 28
Mary Gray (peak), Staunton, Va ... 24
Maryland
Appalachian Valley Pilgrimage. By Catherine Bell Palmer. With illustrations from photographs by Justin Locke and J. Baylor Roberts. 9 ills. in black and white, 18 ills. in color, 1 page map, July 1–32
Skyway ... 91; ill. 97
Masks
Face: Groote Eylandt, Australia ... color plate, page 761
Plastic mask, Technician wears ... ill. 122
Scientists wear: Arnhem Land ... ill. 776
Mason, Charles ... 5
Mason-Dixon line ... 5
Massachuset Indians ... 162
Massachusetts
Appalachian Trail ... 219, 226; color plate, page 241
Vegetables ... 183, 189, 191, 193, 198, 200, 206
Massanutten Caverns, Va ... 21
Massanutten Military Academy Summer Camp ... 27
Massanutten Mountain, Va. ... 17, 20, 21, 22; color plate, page 30
Massanutten Peak, Va ... 22
Mata (peak), Andorra ... 264
Matagamon (lake), Maine ... 236
Matane, Quebec ... 449
Matanuska Valley, Alaska ... 520, 522, 523
Matapédia (river), Quebec ... 451
Materia Medica, Chinese ... 217
Matomiak (Eskimo hunter) ... ill. 561
Matson Line (steamship) ... 571, 595, 596
Mau (aborigine) ... 756
Maui (island), Hawaii ... 578, 599, 601
Haleakala (crater) ... color plate, page 607
Maulin (aborigine) ... 758
Mauna Kea (volcano), Hawaii ... 602; color plate, page 604
Mauna Loa (volcano), Hawaii ... 578, 601; color plate, page 604
Mauritius (island), Pacific: Shells ... 33, 61
Maury, Matthew Fontaine ... 24
Mausoleum, Origin of word ... 847
Mausolus, Tomb of, Halicarnassus ... 847
May Music Festival, St. Olaf Lutheran Choir ... 333
Mayflower (ship) ... 200, 790
Mayflower Compact, aboard Freedom Train ... 529
Mayo, Dr. Charles Horace ... 335
Mayo, Dr. Charles W. ("Chuck") ... 335
Mayo, Dr. William James ... 335
Mayo, Dr. William Worrall ... 335
Mayo Clinic, Rochester, Minn ... 335, 336
Mayo Foundation, Rochester, Minn ... 335
Museum of Hygiene and Medicine: Nurse studies eye ... color plate, page 325
Mayomi (Libian dancer) ... ill. 38
Mazama, Mount (ancient volcano), Oreg ... 700
"Meander," Origin of word ... 848
Measled Cowry (shell) ... ill. 36; color plate, page 45

Page

Mechanical Cultivation Service: Greece ... 723
Medals. *See* Grosvenor Medal
Medford, Oreg ... 691, 695, 701, 704
Medicine men. *See* Shamans
Mediterranean regions
Shells ... 33, 63, 81; color plate, page 55
Vegetables ... 150, 168, 170, 171, 172, 174, 177, 179, 181, 183, 185, 187, 191, 194, 198, 200, 202, 206, 209, 211, 213; color plates, pages 173, 176, 178, 180, 182, 186, 188, 190
Mediterranean Sea ... 150, 171, 189, 278, 715, 735, 845, 847
Medusa, Shield showing: Greece ... color plate, page 730
Mei Shan. *See* Coal Hill
Melançon, Claude ... 450, 454; color plate, page 460
Melançon, Malou ... color plate, page 459
Melbourne, Australia ... 426
Mellides, Vasilios ... 719
Mellon, Andrew W ... 119, 125, 137, 142
Mellon, Richard B ... 119, 137, 141, 142
Mellon, Richard K ... 142, 143; ill. 128
Mellon family ... 130, 142
Mellon Institute, Pittsburgh ... 137; ill. 119
Melo Shell ... 64, 81; color plate, page 69
Melongena corona (shell) ... color plate, page 45
Melting snow, for drinking ... 703, 705
Melville Bay, Australia ... 430
Melville Island, Australia ... 417
Melville Island, N. W. T., Canada ... 570
Memorial park, to Congressman Lindbergh ... 322
Memorial Square, Chambersburg, Pa ... 4
Memorials. *See* National Memorial Cemetery of the Pacific
Mendel, Gregor Johann ... 204
Menderes River (Maeander), Turkey ... 848
Menehunes (legendary dwarfs): Hawaii ... 602
Mennonite Church ... 23
Menomini (Indian name), Appalachian Trail ... 236
Menu, State dinner (1688): Andorra ... 268
Mercier, Honoré: Statue ... color plate, page 439
Merck & Co., Inc., Va.: Plants ... 23; ill. 7
Mercurios, Painting of ... color plate, page 742
Meritxell Shrine, Andorra ... 280; color plate, page 269
Merrill, Lt. Stephen ... 716, 717, 718, 724, 726
Merritt brothers ... 295
Mesa, Ariz ... 106
Mesaba Transportation Company, Minn ... 297
Mesabi, Meaning of name ... 295
Mesabi Range, Minn ... 296, 297, 298, 319
Mesas
Utah ... 369, 370; color plate, page 392
Venezuela ... 655, 657, 660, 684, 690; ill. 661
Mesopotamia ... 150, 337
Mesquite Bay, Tex ... 651
Messara plain, Crete ... 716
Messenia (region), Greece ... 726
Meteorological stations. *See* Weather stations
Metis Beach, Quebec ... 448
Metropolitan Life Insurance Company ... 257, 258
Metts, James ... ill. 5
Mexican Hat, Utah ... 403
Mexican War ... 6
Mexico ... 575, 600, 642, 700, 704, 823, 826
Archeological discoveries ... 260
Shells ... 63; color plates, pages 50, 52, 53, 54, 75
Skyway ... 108; ill. 97
Vegetables ... 159, 161, 162, 166, 202, 213; color plate, page 160
Mexico, Gulf of ... 4, 33, 58, 61, 530, 571
Mexico City ... 578, 808
Miami, Fla ... 33, 597
Miami Beach home, Fla.: Shell collection ... ill. 36
Miangla (Australian aborigine) ... 427, 428
Micard, Count Gaston ... 544, 549, 551, 555; ill. 546, 548
Micardbu (Micard Hut), Greenland ... 555
Mice, Cancer research: University of Minnesota ... 315
Michaelides, Alexander ... 744
Michigan Boulevard, Chicago, Ill ... 719
Michigan lake region: Shells ... 33
Mickam, John ... 716
Mickelson, Gov. George T ... 255
Micmac Indians ... 471, 478, 495; ill. 499, 503; color plate, page 493
Micromac. *See* Measled Cowry
Microphone, Aborigine before: Groote Eylandt, Australia ... ill. 779
Mid-Atlantic Ridge: Expedition ... 260
New Discoveries on the Mid-Atlantic Ridge. By Maurice Ewing. With illustrations from photographs by Robert F. Sisson. 6 ills. in black and white, 23 ills. in color, 1 half-page map, Nov., 611–640
Core samples of ocean bottom ... 613
Expedition ... 613, 614, 615, 619, 626, 627, 628, 638
Expedition members ... color plates, pages 619, 620, 621, 622, 623, 624, 625, 627
Plains ... 615
Slopes and peaks ... 614, 615, 618, 635, 638
World's longest mountain range ... 611
Middle Ages: Vegetables ... 171, 174, 175, 187, 188, 189, 196, 197, 198, 202, 209

Page

Middle East: Vegetables ... 150, 193, 206, 213
Middle English (language) ... 189, 202
Middle Fork, Rogue River, Oreg ... 705
Middle (Chung) Sea, Peiping ... 340, 363
Middle West, U. S ... 525
  Food plants ... 166, 198
Midshipmen, Reserve: *Iowa*, U. S. S. ... color plates, pages 580, 581
Midway (islands), Pacific ... 578
Milan, Minn ... 317
Milestones in My Arctic Journeys. By Willie Knutsen. 22 ills., Oct ... 543–570
Milingimbi, Crocodile Islands, Australia ... 422, 426, 428, 429, 430, 756; ill. 424
Milingimbi Island mission ... 424, 427, 428, 430
Milk Day: Farmington, Minn ... 317
Milking by electricity: Minnesota ... 293
Milkmaid, Lapp ... color plate, page 112
Milky Way of Orion ... 758
Mill Creek, Va ... 20
Miller, Dr. Robert (ichthyologist) ... 750, 752, 753, 758, 760, 778, 781, 782; color plate, page 769
Miller, True ... color plate, page 247
Milling companies: Minnesota ... 291; ill. 334; color plate, page 313
Milwaukee Depth, Atlantic Ocean ... 640
"Mimi" (mythical aborigines) ... 779
Mimicry: Eskimos ... color plate, page 494
Miner, Dr. Roy W ... 81
Minerals: Arctic regions ... 526, 527
Miners, Alaskan gold ... 507
Minerva, Shield showing: Greece ... color plate, page 730
Mines. *See* Gold and gold mining; Iron mine; Limestone mine
Mingan, Quebec ... 559, 560
Mings (dynasty), China ... 338, 339, 346, 348, 363, 368
Ministry of Communications, Venezuela ... 655, 656, 677, 690
Minneapolis, Minn ... 291, 297, 298, 316, 317, 328, 528; ill. 292
  Children tobagganing ... color plate, page 329
  Parks and lakes ... 297; color plate, page 323
  School of Dentistry ... ill. 296
  Signs, Burma-Shave ... color plate, page 324
Minneapolis Grain Exchange ... 334
Minneapolis-Honeywell Regulator Company ... 316
Minneapolis-Moline ... 316
Minneapolis Star (newspaper) ... 298
Minnehaha, Hiawatha and (statue): Minneapolis color plate, page 323
Minnehaha Park, Minneapolis ... 297
Minnesota Makes Ideas Pay. By Frederick G. Vosburgh. With illustrations from photographs by John E. Fletcher, B. Anthony Stewart, and others. 10 ills. in black and white, 32 ills. in color, 1 map (two-page spread), Sept ... 291–336
  Agriculture ... 292–293; color plate, page 312
  Area ... 295
  Centennial, Territorial ... 291, 336
  Dairy products ... 316, 317; color plates, pages 313, 330
  Festivals and fiestas ... 316, 317, 321; ill. 332; color plates, pages 301, 304, 314
  Flying state ... 297, 322, 336; color plate, page 329
  Indians ... 321
  Industries ... 291, 297, 298, 315, 316, 321, 322, 331, 335, 336; ill. 334; color plates, pages 311, 324, 330
  Iron ... 291, 292, 293, 295, 296, 297, 298; ill. 318–319; color plate, page 309
  Lakes and parks ... 291, 297; ill. 317; color plates, pages 301, 303, 306, 308, 323
  Mayo Clinic ... 335
  Name, Meaning of ... 291
  Population ... 292, 297
  Recreation ... 291, 295
  Research, Scientific ... 315–316
  Scandinavians ... 298, 317, 322
  University of Minnesota ... 292, 296, 297, 315, 321, 322, 331, 335; ill. 296
Minnesota and Ontario Paper Company ... 322
Minnesota Braille and Sight Saving School, Faribault 335; color plate, page 324
Minnesota Geological Surveys ... 295
Minnesota Historical Society ... 321
Minnesota Mining & Manufacturing Company ... 315
Minnesota Press (newspaper) ... 298
Minnetonka (lake), Minn ... 291
Minoan Culture: Crete ... 845
Minotaur (legendary monster) ... 845
"Minute Men" (Alaskan bomber squadrons) ... 505
Mirage: Mackenzie river mouth, Canada ... color plate, page 488
Miss America, 1948 ... 321
Miss Fairbanks, 1946 ... color plate, page 516
Mission Bay, Calif.: "Naked" clam ... ill. 60
Mission stations: Australia ... 417, 420, 424, 426, 427–430, 757, 767
Missionaries
  Australia ... 417, 420, 421, 422, 423, 426, 427, 428, 429, 430

Page

Missionaries—(Cont.)
  Eskimo and Northern Indian culture changed ... 504
  European: Orient ... 215
  New England: Hawaii ... 575
  Wahgi Valley, New Guinea ... 831
Missionary journeys, St. Paul ... 845, 847
Mississippi: Skyway ... 95, 98; ill. 87, 99
Mississippi (river), U. S. 98, 193, 291, 335, 433, 530, 848
  Girls crossing: Minnesota ... color plate, page 302
Missouri: Skyway ... 87, 88–89
Missouri, U. S. S ... 541, 581
Mistassini, Quebec ... 447
"Mr. Aluminum." *See* Davis, Arthur Vining
Mitra episcopalis (shell) ... color plate, page 68
  vittata ... color plate, page 69
Mizpah Spring Shelter, N. H ... 225
Mizzen, *Atlantis* ... color plate, page 627
Moffitt, Don ... 369, 382, 386, 404; color plate, page 372
Moiliili (shopping district), Honolulu ... 595
Molasses, from aspens ... 315
Molds, Facial: Groote Eylandt, Australia ... color plate, page 761
Möller, M. P., pipe organ factory: Hagerstown, Md ... 6
Mollusca (animal phylum) ... 33, 35
Mollusks ... color plate, page 623
  Shells Take You Over World Horizons. By Rutherford Platt. With 41 ills. in color from natural-color photographs by the author. 15 ills. in black and white, 1 drawing, July ... 33–84
"Molly Pitcher" (Mary Hays) ... 2
Molly Pitcher Hotel, Carlisle, Pa ... 2
Molokai (island), Hawaii ... 578, 599
Moluccas (islands), East Indies: Shells ... 64; color plate, page 69
Monaco ... 265
Monasteries, Medieval, Greece ... 717–718; color plate, page 742
Monastery, Trappist, Mistassini, Quebec ... 447
Money: Fairbanks, Alaska ... 506–507
Mongolia ... 367
Mongolian plateau ... 337
Mongols (tribe): China ... 337, 338, 350, 368
"Monkey House," Utah ... 370; color plate, page 393
Monkey Island Airport, Okla ... 86
Monongahela (river), Pa ... 117, 118, 121, 122, 123, 130, 144; ill. 120–121
Monroe, La ... 98
Mont-Laurier Aviation Company, Limited, Canada ... 447
Montagnais Indians ... 471, 478, 480; ill. 474
Montana ... 315, 510, 710
Montcalm, Gen. Louis ... 442
Monterey Bay, Calif.: Abalone production ... 56
Montevideo, Minn ... 316–317
  Queen, Fiesta ... color plate, page 314
Montgomery, Gen. Richard ... 433
Montgomery, Ala ... 95
Monticello, Utah ... 403
Monticello (home), Va ... 24
Montmorency Falls, Quebec ... color plates, pages 468, 469
Montreal, Quebec ... 435, 448, 450, 451, 452, 453, 454, 464
Montreal Botanical Garden: Director ... 448
Monument of Faith, Quebec City ... color plate, page 441
Moon Shells ... 33, 57, 58; color plates, pages 41, 42
Moore, Dr. H. B ... 614
Moore, W. Robert
  Because It Rains on Hawaii. 32 ills. in color from natural-color photographs by W. Robert Moore, Stewart Fern, Thomas W. McKnew, and others. Nov ... 579–610
  Power Comes Back to Peiping. By Nelson T. Johnson and W. Robert Moore. With 18 ills. in color from natural-color photographs by Lt. David D. Duncan. 8 ills. in black and white, 2 maps, Sept ... 337–368
Moors (people) ... 194, 195, 204, 209
  Andorra ... 269
Moose: Athapascan area, Canada ... 471, 473
Moose hide, snowshoe lacing ... ill. 474
Moose hunt: Minnesota Indians ... 321
Moosilauke, Mount, N. H ... 222, 230, 236
Mopalia muscosa (shell) ... color plate, page 54
Morada (secret meeting place): New Mexico ... 824
Mordov (autonomous republic), R. S. F. S. R ... 528
Morgan, Daniel ... 17
Mormons
  Arizona ... 106
  Pioneers: Utah ... 370, 378, 388, 401, 402 403
    Descendants of ... 403, 404; color plate, page 389
Morris, Zeddie: House and corn patch ... color plate, page 250
Morse, Edward ... 693, 695
Morse, Lee (Mrs. Edward) ... 693, 695
Morse code ... 752
Moscow, U. S. S. R ... 109, 337, 360
Moslems (people) ... 194
Mosque, Ali Pasha's: Greece ... 717; color plate, page 740
Mosquito aircraft, Testing: Labrador ... 561
Mosquito netting, hung over cot: Arnhem Land ... ill. 777
Mosquitoes: Labrador ... 478

Page

Moss, Spanish ... 599
Mother
  And child: Peiping ... color plate, page 361
  Eskimo ... ill. 496
    Fairbanks, Alaska ... color plate, page 518
    Greenland ... color plate, page 486
  Kutchin Indian ... color plate, page 479
  Nursing baby: Arnhem Land ... color plate, page 767
Motor, Gasoline, Eskimos use, to propel boats ... 504
Motor trips. *See* Escalante Land
Mottled Dove Shells ... 81
Mould Bay, N. W. T., Canada ... 525, 570
Mounds, Shell: Arnhem Land ... 757
Mount Hood National Forest, Oreg ... 708
Mount Royal, Montreal, Canada ... 454
Mount Vernon, Va ... 91
Mountain climbing
  Skyline Trail (Appalachian Trail) from Maine to Georgia. By Andrew H. Brown. With illustrations from photographs by Robert F. Sisson, 15 ills. in black and white, 16 ills. in color, 1 map (two-page spread), Aug ... 219–251
Mountain Hill Street, Quebec City ... 432
Mountain Iron Mine, Minn ... 295
Mountain pass: Andorra ... color plate, page 272
Mountain sheep: Canada ... 473
Mountain View Ranch, Cowles, N. Mex ... 829
Mountford, Charles P ... 755, 779; ill. 779; color plates, pages 759, 760, 762
  Exploring Stone Age Arnhem Land. By Charles P. Mountford. With illustrations from photographs by Howell Walker. 14 ills. in black and white, 25 ills. in color, 1 map (two-page spread), Dec ... 745–782
Mountford, Mrs. Charles P ... 755; color plate, page 760
Movie theater: Escaldes, Andorra ... 286
Mozart (composer) ... 713
Mud, from sea bottom ... 611, 616, 635, 636; color plate, page 623
Mud Lakes, Minnesota has 91 ... 291
Mudskippers: Arnhem Land ... 750
Mueller, Theodore E ... 139
Mukden, Manchuria ... 353
Mukluks (skin boots), Eskimo ... color plates, pages 484, 518
Muller, Manuel (weaver) ... ill. 789
Mummers' Parade: Hagerstown, Md ... 6
Munich, Germany ... 558
Munsell color charts: Carnegie Tech, Pa ... ill. 131
Munsingwear, Inc., Minneapolis ... 328
Mural, Monastery wall: Greece ... color plate, page 742
Murals, Library: Athens, Greece ... ill. 719
Murex (shells) ... 64, 81
  beaui ... color plate, page 71
  bednalli ... color plate, page 70
  bicolor ... color plate, page 74
  cabritii ... color plate, page 43
  florifer ... color plate, page 45
  pele ... color plate, page 70
  recurvirostris rubidus ... color plate, page 47
  tenuispina ... color plate, page 70
Murmansk, U. S. S. R ... 527, 528
Murray Bay (La Malbaie), Quebec ... 433, 438, 467; color plate, page 461
Murumuru (legendary fisherman) ... 758
Mus (New Guinea native) ... ill. 843
Museum, Carnegie Institute, Pittsburgh ... ill. 128
Museum of Comparative Zoology, Harvard University 58
Museum of New Mexico, Santa Fe ... 801; ill. 830; color plate, page 794
Mushrooms: Minnesota ... 315
Music, Shape note, "fasola singers" ... ill. 23
Musical scores, Foster, cover walls: University of Pittsburgh ... ill. 138
Musk oxen
  Arctic regions ... 547, 550, 551, 555, 570; ill. 547
  Northern Plains, Canada ... 471
Muskeg: Alaska ... ill. 521
Muskellunge: Minnesota ... color plate, page 305
Muskingum River, Ohio ... air view 90
Muskmelons ... 146, 147, 150, 198; color plate, page 199
  Banana ... 198; color plate, page 199
  Bender ... 198
  Montreal ... 198; color plate, page 199
  Santa Claus ... color plate, page 199
  See also Cantaloupe; Casaba; Honey Dew; Persian melon
Mussels ... 33, 35; color plates, pages 41, 42
Mustard
  Black ... 209
  Chinese ... 215; color plate, page 214
  Indian ... 150, 209, 215; color plate, page 208
  Japanese ... 209
  White ... 209
Mutual Cold Storage plant, Broadway, Va ... ill. 18
Mutual Fire Insurance Company ... 22
My Old Kentucky Home, Good Night: Original music ill. 138
Mycenae, Greece ... 725
Mycenaean Age ... 723

Page

The Mycenaean Age (C. Tsountas) ... 725
Mynas (birds): Hawaii ... 602
Mythological characters, Classical lands map list ... 848
Mytilus achatinus (shell) ... color plate, page 75
  edulis ... color plates, pages 41, 42

N

N. W. T. *See* Northwest Territories, Canada
Nagas (loincloths) ... 420; color plates, pages 770–771, 772, 773
Nahani tribe ... 471
Nahmakanta Lake, Maine ... 221
Nan Hai (South Sea), Peiping ... 340, 363
Nancy Hall (potato) ... 168
Nangapianga (aborigine) ... 753
Nanking, China ... 337, 341
Nantahala ("Land of the Noonday Sun") ... 236
Nantahala Gorge, N. C ... 236
Nantahala River, N. C ... 236
Nantahalas (mountains), N. C ... 219, 235, 236
Naples, Italy ... 181, 209
Napoleon: Quoted ... 268
Narau (aborigine) ... 756; ill. 780
Narsarssuak, Greenland ... 525, 570
Narvik, Norway ... 527
Naskapi Indians ... 471, 474, 478, 495, 503, 504; color plate, page 480
Natica canrena (shell) ... color plate, page 45
  millepunctata maculata ... color plate, page 55
  vitellus ... color plate, page 68
National Airport, Wash., D. C ... 91; air view 92
National anthem: Andorra ... 268
National Audubon Society ... 641, 642, 651, 654
National Garden, Athens ... 713
National Geographic Magazine
  Articles
    Africa (1924) ... 193
    Costa Rica (1946) ... 600
    Luxembourg (1948), Groote Eylandt boys look at ill. 757
    Minnesota (1935) ... 298
    Shells (1949) ... 33, 39
  Associate Editor
    LaGorce, John Oliver ... 36
    See also National Geographic Society: Vice President
  Editor
    Grosvenor, Gilbert ... 145
    See also Grosvenor, Gilbert *and* National Geographic Society: President
  Maps ... 845
  Monastery library, Trappist: Quebec ... 447
  Printing specialists, Carnegie Tech graduates ... 131
  U. S. Information Service Library, Athens ... 714
National Geographic Society ... 745, 845, 846, 848
  Banquet
    Gilbert Grosvenor's Golden Jubilee. By Albert W. Atwood. 9 ills. in black and white, 1 portrait in color, Aug ... 253–261
    Acrostic ... ill. 259
    Arnold, Gen. H. H.: Letter from ... 254–255
    Board of Trustees, hosts ... 253, 258
    Briggs, Dr. Lyman J., speaker ... 258; ill. 260
    Cartoon tribute, Berryman ... ill. 260
    Children present ... 260; ill. 258
    Fisher, Franklin L.: Portrait presented by ... 258
    Golden box ... 254
    Grosvenor, Gilbert
      Speech by ... 258, 260
      Tribute paid, by Dr. LaGorce ... 255, 258
    Guests ... 253–254; ill. 257, 260
    La Gorce, John Oliver: Tribute paid, by Dr. Grosvenor ... 258, 260
    Land, Emory S., speaker ... 258; ill. 260
    Letters of esteem ... 254–255, 261; ill. 257
    Lincoln, Leroy A., speaker ... 258; ill. 257
    McKnew, Thomas W.: Presentations by ... 254; ill. 257
    Mickelson, Gov. George T.: Letter from ... 255
    Portrait ... 258; color plate, page 252
    Scroll, from British friends ... 254; ill. 257
    Speakers ... 255, 258; ill. 257, 260
    Toastmaster, John Oliver LaGorce ... 255; ill. 257, 258
    Wetmore, Dr. Alexander, speaker ... 258; ill. 257
    Wilson, Lloyd B., speaker ... 258; ill. 257
  Board of Trustees
    Arnold, Gen. H. H.: Letter to Dr. Grosvenor 254–255
    Banquet honoring Dr. and Mrs. Grosvenor 253, 258; ill. 258
    Briggs, Dr. Lyman J. ... ill. 256
    Colbert, Rear Adm. L. O ... ill. 256
    Constitution Hall ceremony ... 253, 261; ill. 256, 261
    Dr. Grosvenor pays tribute to ... 253
    Fisher, Franklin L. ... 258; ill. 256
    Fleming, Dr. Robert V ... 261; ill. 261
    See also Treasurer
    Grosvenor, Melville Bell ... ill. 256

Page

National Geographic Society—(Cont.)
Board of Trustees—(Cont.)
Grosvenor Medal created and awarded by . . . 253, 261; ill. 254, 255
Hanson, Elisha . . . ill. 256
Hildebrand, J. R . . . ill. 256
Kettering, Dr. Charles F . . . 261; ill. 254
Land, Vice Adm. Emory S . . . ill. 256
McKnew, Thomas W . . . ill. 256
See also Secretary
Portrait of Gilbert Grosvenor presented to The Society . . . 258; color plate, page 252
Shell collection in museum . . . 68
Signatures on illuminated acrostic . . . ill. 259
Speakers, Golden Jubilee banquet . . . 255, 258; ill. 257, 260
Trippe, Juan T . . . ill. 256
Wetmore, Dr. Alexander . . . ill. 256
Editorial Staff
Dr. Grosvenor pays tribute to . . . 253
Signatures on acrostic . . . ill. 259
See also Cottrell, Ernest J.; Sisson, Robert F.; Stewart, B. Anthony; Walker, Howell
Employees, Number of . . . 253, 261
Expedition leaders, Golden Jubilee speakers 260–261; ill. 256, 261
Expeditions
Cruise to Stone Age Arnhem Land. By Howell Walker. With illustrations from photographs by the author. 10 ills., 1 half-page map, Sept. 417–430
Curlew, Bristle-thighed: Nest found . . . 255, 261
Exploring Stone Age Arnhem Land. By Charles P. Mountford. With illustrations from photographs by Howell Walker. 14 ills. in black and white, 25 ills. in color, 1 map (two-page spread), Dec. . . . 745–782
First Motor Sortie into Escalante Land. By Jack Breed. With illustrations from photographs by the author. 6 ills. in black and white, 27 ills. in color, 1 page map, Sept. . . . 369–404
New Discoveries on the Mid-Atlantic Ridge. By Maurice Ewing. With illustrations from photographs by Robert F. Sisson. 6 ills. in black and white, 23 ills. in color, 1 half-page map, Nov. 611–640
Snow survey, Part in . . . 691
Flag
Atlantis (ship) . . . ill. 613
Cessna plane bears . . . air view 92; ill. 97, 99, 107
Escalante Expedition, Utah . . . 369, 386; ill. 383, 384, 385; color plates, pages 371, 372, 394, 401
Mount Katahdin, Maine . . . ill. 225
Oenpelli, Arnhem Land . . . color plate, page 760
Golden Jubilee, Constitution Hall ceremony
Gilbert Grosvenor's Golden Jubilee. By Albert W. Atwood. 9 ills. in black and white, 1 portrait in color, Aug. . . . 253–261
Chairman, Fleming, Robert V . . . 261; ill. 261
Expedition leaders, speakers . . . 260–261; ill. 256, 261
Grosvenor, Gilbert: Reply to tributes . . . 253, 261; ill. 256, 261
Guests . . . 254, 260
Kettering, Dr. Charles F.: Medal presented by 261; ill. 254
Letter from President Truman . . . 254, 257, 261
Medal presented . . . 253, 260, 261; ill. 254, 255
Motion picture . . . 260
Roses, Basket of, with inscription . . . 261; ill. 256
See also Banquet
Growth of, attributed to Dr. Grosvenor . . . 252, 253
Map supplement articles
The Society's New Map of Classical Lands. Text accompanying special map supplement in colors. 1 ill., Dec. . . . 845–848
Top of the World: The National Geographic Society's New Map of Northlands. Text accompanying special map supplement in colors. Oct. . . . 524–528
Map supplements, Text and illustrations
Canada (1936) . . . 524
Europe and the Near East (1949) . . . 528
Top of the World (1949) . . . 528
United States
Aid in cross-country flights . . . 98
Freedom Train . . . ill. 533
Maps, Dr. Grosvenor supervises making . . . 253
Medals
Adm. Byrd honored . . . 260, 261
Grosvenor Medal . . . 253, 260, 261; ill. 254, 255
Members
Bombay, India, member . . . 20
British, send scroll . . . 254; ill. 257
Ellison, Mr., Australia . . . 426
Halvorson, Roy, Duluth, Minn . . . 306
Number of
Member-families . . . 252, 524
1,000, Less than . . . 252
10,000 . . . 258

Page

National Geographic Society—(Cont.)
Members—(Cont.)
Senior Washington, attend medal presentation 254, 260
Motion picture, Golden Jubilee . . . 260
Paintings. *See* Color inserts
Photographs, Natural-color
Dr. Grosvenor pioneered in . . . 253
See also Color inserts
Portrait, Gilbert Grosvenor . . . 258; color plate, page 252
President
Bell, Alexander Graham . . . 253
Grosvenor, Gilbert
Arch named for . . . 370, 371
Growth of The Society attributed to . . . 253
Island named for . . . 570
President since 1920 . . . 252
See also Grosvenor, Gilbert; National Geographic Society; Banquet
Research Committee: Briggs, Dr. Lyman J. . . . 258; ill. 256, 260
Seal, Grosvenor Medal globe resembles . . . ill. 255
Secretary: McKnew, Thomas W . . . 254; ill. 256, 257
Shell collection, placed in U. S. National Museum 64, 68
Shenandoah Park grant . . . 18
Treasurer: Fleming, Dr. Robert V . . . 261; ill. 260, 261
Vice President: LaGorce, John Oliver . . . 255, 260; ill. 257, 258, 261
National Girls Orphanage: Greece . . . 717
National Library, Peiping . . . 363
National Memorial Cemetery of the Pacific, Honolulu ill. 576; color plate, page 605
National Park System . . . 233, 234
National Parks. *See* Crater Lake National Park; Great Smoky Mountains National Park; Shenandoah National Park
National Road (U. S. 40) . . . 5
Zanesville, Ohio . . . 90
Nationalist Forces: China . . . 341, 368
Nationality classrooms, University of Pittsburgh . . . 138, 139; ill. 136
Natural Bridge, Va . . . 1, 24, 233, 248
Appalachian Trail Club: Members . . . color plates, pages 248–249
Natural Chimneys, Augusta County, Va . . . 23
Naturalization School, St. Paul, Minn. . . . color plate, page 307
Nauplia (Návplion), Greece . . . 725
Nautilus macromphalus (shell) . . . color plate, page 68
Nautiluses . . . 63
See also Chambered Nautilus
Navajo Canyon, Utah . . . 404; color plate, page 397
Navajo Mountain, Utah . . . 404; color plate, page 397
"Naval" battle, Chippewa and Sioux . . . 321
Naval battles, Mock: Peiping . . . 363
Naval Oil Reserve No. 4, Alaska . . . 526
Naval Reserve Officers Training Corps: Members color plate, page 580
Navigation, Aerial. *See* Aviation
Návplion, Greece. *See* Nauplia
Naxakis, G. S. (author and alpinist) . . . 716
Naxakis, Iolanthe . . . 716
Nazi collaborators: Andorra . . . 262
Nazis
Greece . . . 725, 734
Greenland . . . 555
Near East: Vegetables . . . 150, 187, 193, 204, 213; color plates, pages 197, 201, 205
Near East Foundation: Greece . . . 714, 719
Needle (rock)
Eagle Mountain, N. H . . . ill. 231
Iao Valley, Hawaii . . . 601
Needlefish: Arnhem Land . . . 750
Negovanna, Silas . . . color plate, page 518
Negroes: United States, South: Diet . . . 172
Nelson, Dick . . . 316
Nelson, Larry . . . 316
Nelson, Mary . . . 107
Nemukwunga (aborigine) . . . ill. 752
Nenana, Alaska . . . 520
Nepal . . . 204, 260
Nerita peloronta (shell) . . . color plates, pages 44, 46
Neritina communis (shell) . . . color plates, pages 67, 72
Neritinas (shells) . . . 81
Nero (emperor) . . . 202
Nest, Bird's, Indian's hat: Venezuela . . . ill. 656
Net, Fish, Islander throws: Hawaii . . . ill. 601
Netherlands . . . 746, 835
Netherlands Indies: Wild animals collected . . . 256, 260
Nethers, Va . . . 230
Nets, Fishing: Arnhem Land . . . color plate, page 769
Nettleton, J. N . . . color plate, page 511
Nevada: Snow survey . . . 710
Nevills, Norm . . . 386
New Brighton, Minn . . . 317
New Brunswick, Canada . . . 478, 493
New Caledonia: Shells . . . 33, 64; color plate, page 68

Page

New Discoveries on the Mid-Atlantic Ridge. By Maurice Ewing. With illustrations from photographs by Robert F. Sisson, 6 ills. in black and white, 23 ills. in color, 1 half-page map, Nov. 611–640
New England 575, 609
Freedom Train ill. 538, 539
Shells 33, 57, 63; color plates, pages 41, 42
Vegetables 157, 159, 168, 191, 198
New Georgia (island), Solomons: War canoe ill. 39
New Guinea (Australian) 575, 581
Sheep Airlift in New Guinea. 16 ills. from photographs by Ned Blood, with full legends. Dec. 831–844
New Hampshire 575
Appalachian Trail 222, 224–226; ill. 220, 230, 231, 232; color plates, pages 237, 240, 243
New Jersey 575, 597
New Jersey, U. S. S. 581
New Market, Va. 20
New Mexico 400
Adobe New Mexico. By Mason Sutherland. With illustrations from photographs by Justin Locke, 18 ills. in black and white, 28 ills. in color, 1 page map, Dec. 783–830
Catering, an industry 796
Caves, Aboriginal cliff-dwellers 814; ill. 812
Church, interior color plate, page 816
Food 784, 796; color plates, pages 796, 820
Restaurants 796; color plate, page 796
State Legislature, Bilingual 808
Statehood (1912) 808
See also Pueblo Indians
Snow survey 710
New Mexico Historical Society 801
New Orleans, La. 161, 433
New Orleans Mardi Gras 21
New Richland, Minn. 317
New Stone Age 150
New World 526, 529
Vegetables 151, 162, 194, 196, 198, 200, 206
New York (state) 1, 4, 177, 183, 200
Appalachian Trail 226; ill. 218, 220, 235
New York (city), N. Y. 117, 140, 528, 558, 575, 578, 603, 718, 719, 736, 845
American Museum of Natural History 507
Freedom Train 537
New York (lettuce) 196
New Yorker (magazine) 714, 825
Newfoundland 448, 471, 500, 612
Newhouse, Hal 691
News-Miner (newspaper) 505
Newspaper, Men read, on board: China color plate, page 351
Newspapers
Lack of: Andorra 271, 286
Upper Mid-West 298
Nezerite, A. (Greek composer) 713
Niagara Cave, Minn. 331
Niagara Falls, U. S.-Canada 655, 667
Nice Lady (lane), Peiping 363
Nichols, J. A. 293, 295
Nichols, Paul 106
Nicky-nicky (tobacco) 420, 421, 422, 426, 427; ill. 422
Nicolaisen, Karl 545, 546, 547, 551
Nicollet (street), Minneapolis 298
Nicolopulo, "Helen of Troy" 716
Nightshade family 161
Niguas (fleas): Venezuela 662
Niihau (island), Hawaii 578, 602
Nile (river), Egypt 195, 848
Nile, Valley of the: Watermelons color plate, page 192
Nilsson, Otto 507
Nimitz, Adm. Chester W. 37
Nimitz, Mary Manson ill. 37
Nimitz Highway, Honolulu 578
Nine Dragon Screen, Peiping 363
Nipple Lake, Utah 370; color plate, page 392
Niseis: Honolulu 595
No Man's Mesa, Utah color plate, page 392
Nogales, Ariz. 108
Airport ill. 107
Nomads. *See* Aborigines; Lapps
Nomads of the Far North. By Matthew W. Stirling. Paintings by W. Langdon Kihn, 13 ills. in black and white, 16 ills. in color, Oct. 471–504
Algonquian linguistic stock 471, 474, 476–478, 482, 495, 503, 504; ill. 477, 499, 503; color plates, pages 480, 482, 493
Athapascan linguistic stock 471, 473–474, 475–476, 495, 504; color plates, pages 479, 483
Eskimauan linguistic stock 473, 475, 476, 495, 496, 497, 501, 502, 503, 504; ill. 496, 498, 500, 502; color plates, pages 481, 484–489, 491, 494
See also Eskimos; Indians; *and* the following tribes: Cree, Kutchin, Micmac, Naskapi Indians
Nome, Alaska 491, 510, 522, 525
Nondugl, New Guinea 832, 834, 835, 837, 840; ill. 835, 839, 840, 841, 843

Page

Nondugl Sheep Station 840
Noranda Mines, Ltd., Canada 451
Nordale, Hjalmar 505
Nordenskiold, Baron Nils Erik (explorer) 527
Nordic peoples 174
Norilsk, R. S. F. S. R. 528
Norman Conquest 204
Norman Wells, N. W. T., Canada 526
Normandy invasion (1944) 287
Norse (people) 501
Norseman (airplane) 559, 560
North Africa: Vegetables 193, 194, 204, 206
North America 528, 543, 556, 567
Elevation, Highest 523
Vegetables 148, 149, 151, 152, 155, 157, 159, 162, 181, 191, 198
North American Arctic 527
North Atlantic 556, 558, 566, 567
North Carolina 211
Appalachian Trail 223, 228, 235–236; color plate, page 251
Skyway 94–95; air view 103
North Conway, N. H. 229
North Dakota 162, 298
North Fork (river), Va. 17, 20
North Mankato, Minn. 315
North Osetian (autonomous republic), R. S. F. S. R. 528
North Polar regions 525
North Pole 524, 528, 543, 563, 569
North Santiam River, Oreg. 705
North Shore Drive, Minn. 303, 321
North Star State (Minnesota) 295
North Umpqua River, Oreg. 701; ill. 698
Northeast Airways, Inc. 322
Northeast Passage 527
Northern Europe: Vegetables 170, 174, 179, 187; color plate, page 171
Northern Hemisphere 528
Northern Neck of Virginia 17
Northern Pacific (railroad) 297
Northern Plains (Barren Grounds), Canada 471
Northern Sea Route 527
Northern Sweet (watermelon) 193
Northern Territory, Australia 420
Northern Territory Administrator 756
Northfield, Minn. 333–336
Northland (cutter) 558; ill. 545
Northland Transportation Company, Minn. 297
Northlands. *See* Arctic regions
Northwest Airlines, Inc. 297, 336, 596
Northwest Angle, Minn. 322
Northwest Passage 527
Northwest Territories, Canada 527
Hunter ill. 561
Milestones in My Arctic Journeys. By Willie Knutsen. 22 ills., Oct. 543–570
Mines 526
Norway 527, 555, 558
Norwegian-French Expedition to Northeast Greenland 555
Note, Thank-you, Filipino guerrilla 430
Notre Dame, Quebec City 431; color plate, page 446
Nova Scotia, Canada 478, 493, 503
Nowak, Andrew 651
Nuestra Señora de Guadalupe (statue): New Mexico color plate, page 801
Nuestra Señora Guadalupe (mission), Mexico 102
Nurse studying the eye: Mayo Foundation color plate, page 325
Nutmegs (shells) 60; color plate, page 46
Nuuanu Pali (cliff), Honolulu 600
NYK fleet, Japanese 571
Nylon stockings, in shop: Andorra ill. 264

O

Oahu (island), Hawaii 573, 575, 578, 590, 600, 602; ill. 572, 573, 576, 577, 599; color plates, pages 588, 589, 590
Oak Ridge, Tenn.: U-235 807
Oats: Minnesota 293
Ob (river), R. S. F. S. R. 495, 527
Ocean Island (Kure), Hawaii 602
Oceanography. *See* Mid-Atlantic Ridge
Oceanus (legendary river) 847
Octavian (Roman emperor) 848
Odeion of Atticus Herodes, Athens 713
Odell, Allan 324
Odell, Clinton 324
Odell Lake, Oreg. 703
Odysseus (Greek hero) 724
Odyssey (Homer) 185, 714
Oenpelli, Arnhem Land, Australia 745, 763, 767, 768, 775, 776, 777, 778, 780, 781, 782; color plates, pages 760, 766, 770–771
Oenpelli Lagoon 769, 778
Oenpelli Mission station 747
Oeta, Mount, Greece 848
Oglethorpe, Gen. James E. 224, 236
Oglethorpe, Mount, Ga. 86, 219, 220, 236, 238; ill. 224

Page

Ogunquit, Maine: Tide pool ..... color plate, page 41
Ohio 217
  Skyway ..... 91; air view 90
Ohio (river), U. S 117, 118, 120
Ohman, Olof 331
Oil
  Northwest Territories 526
  Pittsburgh, Pa 130, 135, 137, 143
Oil pollution: Texas 642, 653-654
Okhotsk, Sea of 368, 528
Okinawa (island), Ryukyus 581
Oklahoma: Skyway 85-87
Oklahoma, U. S. S 573
Oklahoma City, Okla 87
Okra ..... 194; color plate, page 195
Olallie Lake, Oreg 708
Old Bering Sea people 495, 496, 497, 500, 501
"Old Buddha" (Empress Dowager) 346
Old Corinth's ruins, Greece 743
Old Folks at Home (Foster) 140
Old French (language) 196, 202, 209
Old Rag Mountain, Va ..... color plates, pages 244, 245
Old Speck Mountain, Maine 222
Old World
  Ballads 18, 20
  Plants 149, 151, 159, 162, 164, 193, 202
Olita irisans (shell) ..... color plate, page 74
  sayana ..... color plate, page 45
    citrina ..... color plate, page 43
  sericea miniacea ..... color plate, page 67
  tigrina ..... color plate, page 66
Oliver Iron Mining Company 319
Olmecs (Indians) 166
Olson, John ("Ole") 657, 688
Olympia Valley, Greece 847
Olympic champion, Bill Smith 595
Omaha (Indian tribe) 155
Omaha, Nebr 100
Omonia Square, Athens, Greece 713
Onion ..... 150, 202; color plate, page 203
  Welsh 202
Onion flowers, Flies pollinate ..... ill. 152
Onions, hang from line: Chimayo, N. Mex ..... ill. 811
Operation Sno-Cat Cascade 691, 693, 695, 707, 708
Operculum (part of univalve mollusk) 38
Order of St. Francis, Sisters, help Dr. Mayo 335
Ordino, Andorra 200
Oregon 200, 575
  Sno-Cats Mechanize Oregon Snow Survey. By Andrew H. Brown. With illustrations from photographs by John E. Fletcher. 19 ills., 1 third-page map, Nov 691-710
Oregon Agricultural Experiment Station 691, 708
Organs, Pipe: Hagerstown, Md 6
Orient: Vegetables ..... 174, 189, 209, 213, 215, 217; color plates, pages 212, 214 216
Oriente, Province of, Cuba: Land snails from ..... color plate, page 78
Original Curio Shop, Santa Fe, N. M. ..... color plate, page 797
Orinoco (river), Venezuela 655, 656, 659, 660
Orion (constellation) 758
Ornithology. *See* Birds
Orphanages: Greece ..... 716-717; ill. 744
  Ioánnina ..... color plate, page 740
Oslo, Norway 544
Ostia (ancient port of Rome) 848
Ostium, Meaning of 848
O'Sullivan Farms, W. Va 8
O'Sullivan Rubber Corporation, Winchester, Va.: Plant ..... 17; color plate, page 29
Otherman Lake, Canada 291
Otter farm, Homer, Minn 335
Otter Tail County, Minn 321
Ottoman Armies 740
Our Vegetable Travelers. By Victor R. Boswell. Paintings by Else Bostelmann. 5 ills. in black and white, 32 ills. in color, Aug 145-217
Outer City, Peiping ..... 339, 348, 362, 367; sketch 340
Ovens
  Beehive: Taos Pueblo, N. Mex ..... color plate, page 702
  Outdoor: Quebec, Canada ..... 452; ill. 449
Ovibos moschatus (musk ox) 547
Ovula ovum (shells), decorate war canoe ..... ill. 39
Owatonna, Minn 317, 335
Owens, Norma ..... color plates, pages 239, 247
Owl, Snowy: Greenland ..... ill. 565
Owyhee Reservoir, Oreg ..... ill. 706
Ox teams: St. Pierre, Canada ..... color plate, page 456
Ozarks (mountains), Missouri region 87

P

Pacific Discovery (magazine): Photograph from ..... ill. 66
Pacific Fleet, U. S 602
Pacific Northwest 571
Pacific Ocean 528, 530, 541, 571

Page

Pacific regions
  Shells ..... color plate, page 74
  Vegetables 168
Packard, Walter E 721, 722
Paddles (pigeon-hunting disks). *See Zimbelas*
Padre Canyon, Utah 386
Padre Creek, Utah 379, 383
Padua, Italy 191
Page, Ann 9
Page, Matthew 9, 17
Page County, Va 20
Pagoda roofs, Summer Palace, Peiping ..... ill. 365
Paidoupolis, City of Children, Greece 716
Paint, Face
  Indians: Venezuela ..... 666, 688; color plate, page 676
  Natives: Wahgi Valley, New Guinea ..... ill. 834, 838, 839, 840, 843, 844
Painted Desert, Ariz 400
Painted Stoa 724
Painted wall, in store: New Mexico ..... color plate, page 707
Painting, of *Quest* (ship) ..... ill. 544
Paintings: Arnhem Land
  Bark ..... 752, 758; color plate, page 759
  Rock ..... 755, 764, 779; ill. 777, 782; color plates, pages 762, 763
Pajarito Plateau, N. Mex 814
Pak Choy (Chinese mustard) 215
Palaces, Stone: Minoan 845
Paleozoic era 33
Pali (cliff), Honolulu ..... 600; color plate, page 590
Palisades Interstate Park, N. Y.-N. J ..... 226, 235; ill. 218, 220
Palisades Park, Santa Monica, Calif ..... air view 105
Palm Springs Municipal Airport, Calif 107
Palmer, Catherine Bell
  Appalachian Valley Pilgrimage. By Catherine Bell Palmer. With illustrations from photographs by Justin Locke and J. Baylor Roberts. 9 ills. in black and white, 18 ills. in color, 1 page map, July 1-32
Palms (trees): Hawaii ..... color plate, page 610
Palombes Association, Basques ..... 405, 413, 415; ill. 413
Palos Verdes Point, Calif 106
Pamola Peak, Maine ..... ill. 221
Pan American Airways 256, 260, 596
Pan American Clipper 510
Panama: Archeological discoveries 260
Panama, Isthmus of 152
Panama Canal 120
Panama Shell ..... color plate, page 45
Panathenaic procession 724
Panguitch, Utah 369
Panhandle, Eastern (section), W. Va 8
Paniolos (cowboys): Hawaii 602
"Panning" gold: Alaska ..... 510, 511; color plate, page 514
Pantaloons, Striped, Eskimos': Greenland ..... ill. 564
Pantocrator (medieval monastery): Greece 718
"Pantorium," Fairbanks, Alaska ..... ill. 508
Papaioannides, Archimandrite Eftychios ..... 714; ill. 719
Paper, Mulch, on pineapple field: Hawaii ..... ill. 599
Paper Argonaut Shell 58
Paper Fig Shell ..... color plate, page 46
Paprika 166
Papua-New Guinea Territorial Administration 835
Papuans
  Sheep Airlift in New Guinea. 16 ills. from photographs by Ned Blood, with full legends. Dec 831-844
Papuina pulcherrima (shell) ..... color plate, page 66
Parade
  Aquatennial: Minneapolis ..... color plate, page 304
  Kamehameha Day: Honolulu ..... color plate, page 587
Paria, Utah 370
Paria River, Utah ..... 370, 379, 400; color plate, page 378
Paria River Canyon ..... 392; color plates, pages 376, 378, 390
Paria River Valley ..... 369; color plate, page 391
Parian marble 847
Paris, France 286, 290, 715, 785, 786, 845
Park: Minneapolis, Minn ..... color plate, page 323
Park Ranger badge 218
Parkas (Eskimo garments) ..... color plate, page 518
  Quebec, Canada ..... 448; ill. 432
Parker, Tom C 699
Parker Ranch, Hawaii 602
Parks Metropolitan Airport, East St. Louis, Ill 89
Parliament
  Andorra. *See* Casa la Vall
  Athens, Greece 730
  Quebec City ..... color plate, page 439
Parliament ramp, Athens, Greece 713
Parnassós, Mount, Greece 848
Parrish, J. D 297
Parroquia (parish church): Santa Fe, N. Mex 790
Parrot: Venezuela ..... color plates, pages 669, 675
Parrotfish: Chasm Island, Arnhem Land ..... color plate, page 764
Parry, Whit 379, 385
Parry Islands, N. W. T., Canada 524, 570
Parsley ..... 185; color plate, page 184

Page

Parsnip ..... 183, 200 color plate, page 182
Parthenon, Athens, Greece ..... 713, ill. 714; color plate, page 728
Partridge Tun Shell ..... ill. 36
Pas de la Casa, Andorra 270
Pas River, Quebec 492
Pasadena (cruiser) ..... color plate, page 580
Pascal (celery) 185
Pasha, Ali 717, 740
  Mosque of: Ioánnina, Greece ..... color plate, page 740
Pastinaca sativa (parsnip) ..... 183; color plate, page 182
Patagonia: Mollusk 35
Patch, Lt. Gen. Alexander: Shell collection 64, 68
Patella ferruginea (shell) ..... color plate, page 55
  lusitanica ..... color plate, page 55
  pectinata ..... color plate, page 55
  vulgata ..... color plate, page 55
Patellas (shells) ..... 63; color plate, page 55
Patient, Female: Arnhem Land ..... ill. 747; color plate, page 767
Patrai. *See* Patras, Greece
Patras, Archbishop of 743
Patras, Greece 734, 743
Patrol girl, Duluth school police force color plate, page 328
Patron Saint's Day: Andorra 269, 280
Pa'u riders: Honolulu 595
Paul, King (Greece) 711, 712, 715, 718, 719, 721
Pauley, Edwin W. 601
Pausanias (geographer) 723
Pavilion of Darting Fish, Peiping 363
Pavilion of the New Year, Peiping ..... 341; ill. 366; color plate, page 347
Pavlodar, U. S. S. R. 528
Pawnee (Indian tribe) 155
PBY (plane) 447, 448
  Clyde Baffin Island, Canada ..... ill. 569
Pe-tsai (Chinese vegetable) 215
Peace treaties, World War II 848
Peak of Dawn, Percé, Quebec ..... color plate, page 455
Peaks of Otter, Va 232
Pearl Harbor, Hawaii 573, 576, 578, 592, 602
Pearl Oyster ..... ill. 37
Peary, Comdr. Robert E. 567, 569
Peary Land, Greenland 526
Peas ..... 150, 204, 211; color plate, page 205
Peat: Minnesota 298, 331
Pechora (river), R. S. F. S. R. 527
Pecos (river), N. Mex. 829
Pecos Baldy Lake, N. Mex. 830
Pecten circularis (shell) ..... color plate, page 49
  gibbus ..... ill. 34, 84; color plate, page 46
  gloriosus ..... color plate, page 49
  hericeus ..... color plate, page 49
  lactus ..... color plate, page 49
  laqueatus ..... color plate, page 49
  pallium ..... color plate, page 49
  pictus ..... color plate, page 49
  radula ..... color plate, page 49
  sentis ..... color plate, page 49
  swifti ..... color plate, page 49
Pectens (scallop genus) ..... 33, 40, 58, 61; color plate, page 40
Pedersen, Alwin 550, 551
Pedro III, of Aragon 268
Pedro, Felix (prospector) 507
Pedro Creek, Alaska 507
Pei Hai (North Sea), Peiping ..... 340, 346, 348, 363; color plate, page 350
Peiping, China
  Power Comes Back to Peiping. By Nelson T. Johnson and W. Robert Moore. With 18 ills. in color from natural-color photographs by Lt. David D. Duncan. 8 ills. in black and white, 2 maps, Sept. 337–368
  Communists parade ..... ill. 338, 364, 368
  Craftsmanship 346
  Five cities in one 339
  Food ..... 349, 367; ill. 365; color plates, pages 353, 357
  Gates of the city ..... 339, 340, 341, 362; ill. 368
  Market, Open-air 337
  Mosques 363, 367
  Newcomers 337
  Restaurants 363, 367
  Roads, Japanese-built 339
  Shrines ..... 337, 341, 367; ill. 366; color plates, pages 347, 348
  Stilt dancers ..... ill. 344
  Streets ..... 340; ill. 338, 344, 364, 368
  Temples ..... 338, 341, 345, 362, 363, 367, 368; ill. 366; color plate, page 347
  Universities 363
Peiping Bathhouse Guild: Members ..... ill. 344
Pékin (hotel), Peiping 337
Peking. *See* Peiping, China
Peking Union Medical College 363
Pelecypoda (bivalve mollusk) 38, 81
Pelican, Australian ..... ill. 746
Pelican (boat) ..... 651; ill. 654
Pelicans (birds): Texas 651

Page

Pella, Greece 743
Peloponnesus, Greece ..... 711, 716, 724, 725, 743, 847, 848; ill. 722; color plate, page 734
Pelops, Isle of. *See* Peloponnesus
Pemigewasset Wilderness, N. H. 222
Pen Shells ..... ill. 58
Penasco, N. Mex. 823
Pendant, Aborigine wears: Groote Eylandt, Australia ..... ill. 779
Pendelikón, Mount. *See* Pentelikon
Penick, N. J. 708
Penitentes (Spanish-American lay brotherhood) 801, 823, 824, 828, 830
Penn, William: Heirs 140
Penn-Lincoln Parkway 144
Penney, J. C., stores: New Mexico 783
Pennsylvania 217, 507
  Appalachian Valley Pilgrimage. By Catherine Bell Palmer. With illustrations from photographs by Justin Locke and J. Baylor Roberts. 9 ills. in black and white, 18 ills. in color, 1 page map, July 1–32
  See also Pittsburgh
Pennsylvania Aeronautics Commission 91
Pennsylvania Railroad 2, 91
Pennsylvania Turnpike 1, 91, 144
Pensacola, Fla. 43
Pentagon (building), Arlington, Va. ..... 91; air view 92
Pentelikon (Pendelikón), Mount, Greece 713
Pentzopoulos, Brig. Gen. Thomas 726
Pepin, Lake, Minn. 335
Pepper (*Piper nigrum*) 166
Peppers, Garden (*Capsicum frutescens*) ..... 166; color plate, page 167
  Chili 166
    Cover walls: Pilar, N. Mex. ..... color plate, page 791
  Oriental 149
  Paprika 166
  Pimiento ..... color plate, page 167
  Sweet ..... 166; color plate, page 167
  Tabasco 166
Percé, Quebec, Canada ..... 450; color plate, page 455
Pericles (Athenian statesman) 845
Periwinkles ..... 57; color plates, pages 41, 42, 47
Permanent wave party: St. Paul, Minn. ..... color plate, page 325
Perry, Commodore Matthew 217
  Emblem 541
Perry River, Canada 496
Persia. *See* Iran
Persian melon 108
"Persian palace," Grand Caverns, Va. color plate, page 16
Persians (people) 150, 196, 198, 199
Peru: Vegetables 149, 152, 155, 157, 159, 161, 166, 202
Peseta (monetary unit) 412
Pet Parade: Santa Fe, N. Mex. 784
Pétain, Marshal 290
Peterson, Shirley (fiesta queen) ..... color plate, page 314
Petite Madeleine, Quebec: Women waiting ..... color plate, page 458
Petroselium sativum (parsley) ..... 185; color plate, page 184
Peugeot (automobile): Andorra ..... ill. 288
Peyton Street, Winchester, Va. 17
Pharmaceutical plant: Baudette, Minn. 322
Pharos (island), Egypt 847
Pharos (lighthouse) 847
Phaseolus lunatus (lima bean) 159
  vulgaris (common bean) ..... 148, 159; color plate, page 158
Phasianella australis (shell) ..... color plate, page 74
Pheasants, Ring-necked: Minneapolis 297
Phelps, Billy 655
Phelps, William H. (ornithologist) 655
Phidias (sculptor) 845, 847
Philadelphia, Pa. 194, 217
  Freedom Train ..... ill. 532
Philanthropy. *See* Hallstrom Trust
Philippine Islands 575, 600
  Fauna 84
  Shells ..... 33, 48, 61, 62, 64; color plates, pages 67, 79
  Vegetables 150, 168
Phillip of Macedonia 743
Phillips, Bert G. (artist) ..... 784, 785, 786, 826; ill. 786
Phillips, Rev. Ernest ..... color plate, page 14
Phillips, Col. James H. 711
Philosophers: Greece, Ancient 845
Phipps, Henry 142
Phoenicians (people) 847
Phoenix, Ariz. 106
Phoenix (supply ship) 749, 750, 752, 755, 756
  Cruise to Stone Age Arnhem Land. By Howell Walker. With illustrations from photographs by the author. 10 ills., 1 half-page map, Sept. 417–430
Phonograph, important to Eskimo 504
Photographs, Prize-winning: Greek library ..... 714; ill. 719
Piano, Stephen Foster's: University of Pittsburgh ..... ill. 138
Picasso (painter) 595
Piccadilly Street, Winchester, Va. 17
Pichette, Mr. (Canadian farmer) ..... color plate, page 456
Piedras Negras, Guatemala 151
"Pieplant." *See* Rhubarb

Page

Pierce, Mount, N. H ... 225
Pierced Rock, Percé, Quebec ... 450; color plate, page 455
Pig, Farmer puts, in sty: Quebec ... color plate, page 467
Pig raising: Goose Bay, Labrador ... 565, 567
Pigeon, Wild, extinct, in U. S ... 405
Pigeon Netting—Sport of Basques. 16 ills. from photographs by Irene Burdett-Scougall, with 1 quarter-page map, Sept ... 405–416
  Aprons, Bag ... ill. 409, 413
  Clothing, Basque ... ill. 413, 415, 416
  Equipment and technique ... ill. 405, 406, 407, 408
  Nets ... 405, 408; ill. 406, 409, 412, 415, 416
  Netting rights ... 405, 410
Pigeon River, Minn.-Ontario ... 321
Pigeons ... 411; ill. 406, 409, 414, 416
  Wild wood (*Columba palumbus*) 405, 411; ill. 414, 416
Pigfish: Chasm Island, Arnhem Land color plate, page 764
Pike (fish): Minnesota
  Northern ... 322, 332
  Wall-eyed ... 332
Pike Lake, Minn ... ill. 317
Pikes Peak, Colo ... 601
Pilar, N. Mex ... color plate, page 791
Pilgrim Fathers: Massachusetts ... 200
Pilgrims: Meritxell Shrine, Andorra color plate, page 269
Pillars of Hercules ... 848
Pillsbury (milling company) ... 316
Pilot plants, turn coal into gasoline: Pittsburgh ... 135
Pilots
  Bush: Alaska ... 510
  Soviet ... 505
Pima Indians: Arizona ... 106
Pinctada margaritifera (Pearl oyster) ... ill. 37
Pine Island, Minn ... 317
Pineapple: Hawaii
  Canned ... 575; ill. 573
  Cayenne ... 575
  Women grading ... ill. 573
Pineapple growing: Hawaii ... 571, 573, 600; ill. 599; color plate, page 588
Pines (trees)
  Andorra ... color plate, page 281
  Cascade Range, Oreg ... 695, 701, 703, 708
The Pink Birds of Texas. By Paul A. Zahl. With illustrations from photographs by the author. 2 ills. in black and white, 14 ills. in color, Nov ... 641–654
Pinkham Notch, N. H ... 224
Pinnacles of Dan (rock spires), Va ... 233, 234, 235
Piñon trees: New Mexico ... color plate, page 819
"Pioneers," Greek Communist sympathizers ... 711, 712; ill. 712; color plates, pages 738, 739
Pipe
  Native dancer smokes: French Sudan ... ill. 62
  Native smoking: Arnhem Land ... color plate, page 759
Piper nigrum (pepper) ... 166
Pipes, Crab-claw, Australian aborigines ... 421; ill. 422
Pipestone, Minn ... 317
Pipestone National Monument ... 321
Piraeus, Greece ... 721, 734, 744, 845; ill. 720
Pisum sativum (peas) ... 204, 211; color plate, page 205
Pit, Test (mining) dug: Minnesota ... 293
Pitar lupanaria (shell) ... color plate, page 75
Pitt, William ... 144
Pittsburg, Kan ... 88
Pittsburgh, Pa ... 1, 91, 123, 526, 528, 573
  Pittsburgh: Workshop of the Titans. By Albert W. Atwood. With illustrations from photographs by B. Anthony Stewart, J. Baylor Roberts, and John E. Fletcher. 22 ills., July ... 117–144
  Bridges ... 122; ill. 120–121
  Churches ... 140, 141
  Civic improvement ... 142, 143, 144
  Foundations and charitable trusts ... 140, 142, 143
  Industries ... 130, 131, 132, 135; ill. 123, 126, 132, 133, 134
  Mineral resources ... 117, 121, 130
  Naming of ... 144
  Research laboratories ... 135, 137; ill. 119, 122, 143
  Smoke elimination ... 129, 142
  Stores ... 120
  Topography ... 117
  Transportation ... 117, 120, 121, 122
  Universities ... 137, 138, 139, 140; ill. 124–125, 131, 136, 138, 141, 142
Pittsburgh Academy ... 139
Pittsburgh Plate Glass Company ... 131
Pittsburgh Railways Company ... 120
Pizarro (conqueror of Peru) ... 157
Place d'Armes, Quebec City ... color plates, pages 441, 443
Place of Water. *See* Édhessa
Plains Indians ... 471, 473
Plains of Abraham, Quebec ... 431, 434; color plate, page 442
Plankton (marine organisms) ... 614, 621
Plant species: Arnhem Land ... 753, 758
Plantations, Sugar cane: Hawaii ... 600; ill. 577; color plates, pages 592, 593, 610
  See also Ewa Plantation

Page

Plants
  Plant names ... 148–149
  See also Fruits; Vegetables
Plaque
  Bronze: AFA presented to The Society ... 846
  To Mormon courage: Utah ... color plate, page 401
Plato (philosopher) ... 616, 742, 845
Platt, Rutherford
  Shells Take You Over World Horizons. By Rutherford Platt. With 41 ills. in color from natural-color photographs by the author. 16 ills. in black and white, July ... 33–84
Plaza
  Sante Fe, N. Mex ... 780, 790, 807; ill. 784; color plate, page 794
  Taos, N. Mex ... 783, 785, 826
Pleistocene Age ... 612
Pleurotomaria (shells) ... 64
Pleurotomaria salmiana ... 64, 81; color plate, page 71
Pliny (philosopher) ... 177, 189, 198
Plumeria lei, Girl wears: Hawaii ... color plate, page 579
Plutonium ... 807
Plymouth Rock, Mass ... 790
Po River, Italy ... 845, 848
Pocosín Shelter, Va ... 227
Podacanthus wilkinsoni (insect) ... color plate, page 765
Poem, about Oenpelli, Arnhem Land ... 781–782
Poets: Greece, Ancient ... 845
Poi (food): Hawaii ... 597
Point Barrow, Alaska ... 526
Point Hope, Alaska ... ill. 502
Point Park, Pa ... 144
Pointe Bleue Reservation, Quebec ... ill. 474
Pokes (sealskins inflated): Eskimos ... color plates, pages 484, 491
Polar-bear meat, Raw, eaten ... 551
Polarbjörn (ship) ... 557
Pole, Wheeled, transports baskets: Azores ... color plate, page 632
Policemen: Andorra (town) ... color plate, page 273
Polinices duplicata (shell) ... color plate, page 44
  leros ... color plates, pages 41, 42
Pollack, Frank ... 510
Pollack, Sig ... 510
Pollick, Sam ... 369
Pollination, Bags cover onion flowers during ... ill. 152
Pollution. *See* Oil pollution
Polo, Marco ... 337, 346
Polymita flammulata (Land snail) ... color plate, page 78
  muscarum ... color plate, page 78
  picta ... color plate, page 78
  venusta ... color plate, page 78
  versicolor ... color plate, page 78
Polynesiana: Bishop Museum, Honolulu ... 595
Polynesians: Hawaii ... 575, 578, 579, 607
Polyphemus, Cave of ... 724
Pompon, on visored cap: Lapland ... color plates, pages 110, 111
Ponape (island), Carolines ... 581
Ponca (Indian tribe) ... 155
Ponemah, Minn ... 321
Poneride, G. (Greek composer) ... 713
Ponies, Mongolian, Soldiers ride: Peiping ... ill. 364
Ponta Delgada, Azores ... 618, 635; color plate, page 628
Pony, carries hay: Andorra ... color plate, page 283
Pool
  Ranch: San Juan, N. Mex ... color plate, page 802
  Tide: Ogunquit, Maine: Shells ... color plate, page 41
Popolopen (mountain), N. Y ... 236
Popsicles, "Jack Frost's" (icicles) ... ill. 709
Porcupine River, Yukon Territory ... 483
Porcupines: Appalachian Trail ... 226
Porritt, R. V ... 451
Porrón (drinking instrument), Man uses: Andorra color plate, page 276
Porrophagus (Nero) ... 202
Port Alfred, South Africa ... 60
Port Bradshaw, Arnhem Land ... 430, 756, 766
Port d'Envalira, Andorra ... 264
Port Harrison, Quebec ... 432, 475
Port Langdon, Australia ... 430
Port Moresby, Papua ... 844
Port of Boston ... 1
Port of Pittsburgh ... 123
Port Radium, N. W. T., Canada ... 526
Porte, William S ... ill. 147
Portland, Oreg ... 708, 709
Porto Grande, Cape Verde Islands ... 637
Porto Rico (potato) ... 168
Portrait of Gilbert Grosvenor ... 258; color plate, page 252
Portugal ... 575, 637
  Chard ... 187
Portuguese ... 166, 168
Post office, Army: Greece ... 713
Post offices
  Andorra (town) ... ill. 289; color plate, page 273
  Quebec City ... color plate, page 440
Postage stamps: Andorra ... 285
Postal Guide of Canada ... 454

Page

Posters, ECA: Greece ..... ill. 718; color plate, page 733
Potatoes
  Seed: Minnesota 315
  Sweet ..... 149, 168; color plate, page 169
  White ..... 157; color plate, page 156
Potomac Appalachian Trail Club 227, 233
Potomac River, Md.-Va 2, 8, 91, 219, 530
Potsherds, Malay: Milingimbi Island, Arnhem Land 757
Potter, Edward 293
Pottery
  Neolithic: Peiping 346
  Red Wing, Minn 336
Povungnituk, Quebec, Canada 448
Power Comes Back to Peiping. By Nelson T. Johnson and W. Robert Moore. With 18 ills. in color from natural-color photographs by Lt. David D. Duncan, 8 ills. in black and white, 2 maps, Sept 337–368
Precision instrument making: Redwood Falls, Minn 331
Prehistoric animals, Collection of: Pittsburgh ..... ill. 128
Presbyterian Church
  Fairbanks, Alaska 519
  See also First Presbyterian Church
Presbyterianism, Center of: Pittsburgh 140, 141
President Cleveland (cruiser) ..... color plate, page 582
President of France, Co-ruler of Andorra 262, 268, 276
Presidential Range, N. H. ..... 222, 225; color plate, page 240
Press, Hydraulic 297
Price, "Doughbelly" 783
Price, Sam ..... color plate, page 31
Price Brothers & Company, Limited, Canada 438
Priest
  Basque ..... ill. 413
  Greek Orthodox: Athens ..... 714; ill. 719
Priests, Shinto, use conch shells: Japan ..... ill. 59
Prince Charles Island, Canada 524, 543
Prince Edward Island, Canada 478, 493
Prince of Wales Island, Canada 524
"Prince Patrick Airlift" 570
Prince Patrick Island, Canada 525, 543, 568, 570
Princeton Film Center 656
Printing class: Carnegie Tech ..... ill. 131
Priscilla (Bible character) 847
Private Pilot Certificate 85
"Project Skyhook" 291
Prospect Park, Brooklyn, N. Y 543
Prospectors: Alaska ..... 507, 508, 509, 510, 523; color plates, pages 511, 514
Prosperity (figure), Minnesota capitol ..... ill. 293; color plate, page 310
Provencher, G. R. (Ted) 451
Provincial School of Handicrafts, Quebec 470
Ptarmigan: Canada 561
Pteria colymbus (shell) ..... color plates, pages 44, 46
Pueblo Indians
  Adobe New Mexico. By Mason Sutherland. With illustrations from photographs by Justin Locke, 18 ills. in black and white, 28 ills. in color, 1 page map, Dec 783–830
Pueblos: New Mexico ..... 784, 786, 789, 803, 813, 814, 816; color plates, pages 792, 815, 820
Puerto Rico 575
Puget Sound, Maine: Scallops 33
Pulp and paper making: Quebec 452
Pulpit Rock, White Mountains 236
Pulpwood: Quebec ..... color plate, page 462
"Pummy" (pumice) desert: Oregon 703
Pumpkin 162
  Cheyenne Bush 164
  Field ..... color plate, page 165
  Large Cheese 162
Puñatar (Indian) ..... color plate, page 677
Punchbowl (extinct volcano), Honolulu ..... ill. 576; color plate, page 605
Punuk (Eskimos) 501
Puppies, Eskimo children's ..... ill. 550
Purple Hull (peas) 211
Purpura persica (shell) ..... color plate, page 67
Purse Shell ..... color plate, page 46
Pyle, Ernie 117
  Burial place 605
Pyle, Meaning of word 848
Pyramidella maculosa (shell) ..... color plate, page 74
Pyramids: Egypt 213, 723, 847
Pyrenees (mountains), France-Spain
  Andorra ..... 262; color plates, pages 274, 278
  Basque country ..... 414; ill. 405, 406, 410–411
Pyrrhus, King of Epirus 848

Q

Quadriga, Golden: Minnesota State capitol ..... ill. 293; color plate, page 310
Quaker City. *See* Philadelphia
Quantico, Va 94, 541
Quebec (Province), Canada 480
  Quebec's Forests, Farms, and Frontiers. By Andrew H. Brown. With 35 ills. in color from natural-color photographs by John E. Fletcher, Kenneth S. Johnson, and the author, 4 ills. in black and white, 1 map (two-page spread), Oct 431–470
  Churches ..... 431, 432, 452, 454; color plates, pages 446, 457, 469
  Country life 431, 449, 467
  Displaced persons 451
  First permanent settlement 431
  Industries ..... 438, 447, 448, 451, 452; ill. 453
  Mills 438, 447, 452, 457
  Mines and minerals ..... 448, 451, 453, 457; ill. 453
  Motto 431
  Religion 431, 432, 449, 450, 454
  Tourists 454
Quebec (cruise ship) 438
Quebec City, Canada ..... 431, 433, 450, 451, 452, 456, 460, 468; ill. 434–435; color plates, pages 439, 440, 441, 443, 444, 445
  Chateau Frontenac ..... 433, 443, 445; ill. 434; color plates, pages 440, 444
  Churches 431, 432
  Conferences (1943–44) 431
  History 433
  Industries 433
  Market 433
  Parliament building ..... color plate, page 439
  Schools and colleges 432, 450
  Shops 432
Quebec-Chicoutimi road, Canada 452
Quebec Seminary, Canada 432
Quebec's Forests, Farms, and Frontiers. By Andrew H. Brown. With 35 ills. in color from natural-color photographs by John E. Fletcher, Kenneth S. Johnson, and the author, 4 ills. in black and white, 1 map (two-page spread), Oct 431–470
Quebec's Winter Club, Canada ..... color plate, page 445
Queen, Kamehameha parade: Honolulu ..... color plate, page 587
Queen Conchs (shells) ..... ill. 36, 37
Queen of the Lakes, Aquatennial: Minneapolis 304
Queen Shirley, Montevideo Fiesta: Minnesota ..... 317; color plate, page 314
Queens, Minnesota's beauty crop ..... 317, 321; color plate, page 311
Queen's Fund: Greece ..... 721; ill. 744
"Queen's Surf," Waikiki Beach 595
Quest (ship) ..... 544, 545, 551; ill. 546, 549
Questa, N. Mex 828
Quetico-Superior Wilderness, Canada-United States color plate, page 300
Queues, Freedom Train ..... ill. 536–537
Quicksand trap: Paria River Canyon, Utah ..... color plate, page 390
Quonset hut parts, Tractor hauls: Cornwallis Island ill. 562
Quonset huts
  Arctic regions 525
  Lamía, Greece 722

R

R. S. F. S. R. *See* Russian Soviet Federated Socialist Republic
Rabelais (physician and writer) 196
Rabo de Peixe, Azores ..... color plate, page 633
Raccoon Run, Pa 236
Rachel (Biblical character) 447
Radarscope, guides towboat: Pittsburgh ..... 123; ill. 118
Radio
  Bulgaria 712
  8 YW to 8 YR: Australia 430
  Phoenix
    Passengers listen to 423, 426, 430
    Without transmitter 418, 423
Radio Australia, Melbourne 426, 775
Radio station
  Andorra 271, 287
  See also KFAR; KGW; KYJC
Radish ..... 213, 214; color plate, page 212
  Rat-tailed 213
Rafael (Indian) ..... 665, 685; ill. 685
Railroad, Farthest North ..... ill. 520
Railroads. *See* Freedom Train
Railway, Cog: Mount Washington, N. H ..... color plate, page 240
Rain shroud (cloud): Arizona ..... air view 94
Rainbow Bridge, Utah 382, 395, 404
Rainier, Mount, Wash 601
Rainy River, Minn.-Ontario 308, 322
Raleigh, Sir Walter 157
Ralph, James J 708
Ramond, Paul 285
Rand Tower, Minneapolis, Minn ..... ill. 292
Ranella gigantea (shell) ..... color plate, page 55
  pustulosa ..... color plate, page 73
Ranger, Park: Shenandoah National Park ..... color plate, page 246
Rangifer (reindeer genus) 114

Page

Ranson, W. Va ... 8
Raphanus caudatus (radish) ... 213
sativus ... 213; color plate, page 212
Rapidan River, Va ... 8, 21
Rappahannock River, Va ... 8
"Rappelling" (mountain-climbing term) ... ill. 231
Rattlesnakes: Carroll Island, Texas ... 651
Rayon plant, Front Royal, Va ... 17
Rayon threads, spooled: Waynesboro, Va ... ill. 21
Reconnaissance squadron: Alaska ... 505
Recording apparatus: Groote Eylandt, Australia ill. 779
Records (phonograph), Eskimos enjoy ... 504
Red Cored Chantenay (carrots) ... 200
Red Hill, Honolulu ... 602
Red Lake, Minn ... 321
Red River, N. Mex ... 826
Red River, Shreveport, La ... air view 96
Red River of the North Valley, Minn ... 295, 322
Combines harvesting grain ... color plate, page 312
Red River State Fish Hatchery, N. Mex ... 828; ill. 829
Red Sea ... 194
Shells ... 62, 63
Red Wing, Minn ... 336
Rededication Week, Freedom Train's ... 539
Redmond, Mrs. Elizabeth B ... 530
Redwood Falls, Minn ... 331
Reef, *Phoenix* hits and lodges on ... 422, 423; ill. 418
Refugees
Andorra ... 262, 266, 271, 272
Greece ... 713, 716, 717, 722; color plates, pages 728, 740
Rehderia schmitti (shell) ... color plate, page 71
Reindeer
Canadian Eskimo corral ... ill. 498
Lapland's Reindeer Roundup. 14 ills. in color from natural-color photographs by Göran Algård and William J. Storz. July ... 109–116
Reno, Nev ... 709, 710
Republic, Roman ... 845
Republicans, Spanish: Andorra ... 262
Rescue, Air: Canada ... 559
Research. *See* Arnhem Land, Australia
Research Bureau for Retail Training, University of Pittsburgh ... 139
Research laboratories
General Mills, Inc ... 291
Los Alamos, N. Mex ... 787, 807
Pittsburgh, Pa ... 135, 137; ill. 119, 122, 143
Reservations, Indian: Minnesota ... 321
Reserved City. *See* Forbidden City
Reservoirs, Irrigation: Oregon ... 693; ill. 706
Resolute Bay, Cornwallis Island, Canada ... 525, 568; ill. 562
Resorts. *See* Escaldes
Restaurant of the Beautiful Helen, Mycenae, Greece ... 725
Restigouche (river), Quebec ... 451
Retty, Joe (geologist) ... 448
Revelation 1:11 (Bible) ... 847
Revere, Paul ... 24, 539
Revet, Greenland ... 551
Revolutionary War, U. S. ... 9, 24, 206, 232, 369, 433, 529
Reya (Indian elder) ... 662, 665, 666, 683, 687, 688
Rheum barbarum (rhubarb species) ... 191
rhaponticum ... 191
Rhine (river), Germany ... 183
Rhodes (town and island) ... 715, 847
Rhododendron, Catawba: Blue Ridge Mountains color plates, pages 248–249
Rhubarb ... 191
Rhyssoplax discolor (Chiton shell) ... color plate, page 54
Ribak, Louis, conducts art class ... color plate, page 803
Ribbons, stitched on tunics: Lapland ... color plates, pages 110, 111
Ribeira Grande, Azores ... color plate, page 626
Rice culture: Greece ... 721–722, 737, 848
Rice fields: China ... ill. 342–343, 365
Rich Mountain, Tenn.-N. C ... 235
Richard II (English king) ... 204
Richards, Wallace ... ill. 128
Richardson Highway, Alaska ... 505, 519; ill. 506
Richmond, Quebec, Canada ... 451
Richter, Sören (hunter and archeologist) ... 567
Rickshas: Peiping ... color plates, pages 340, 356, 360, 362
Ridder family of St. Paul ... 298
Rieu, E. V ... 714
Riggs National Bank, Washington, D. C ... 266
Riley, Maggie ... ill. 384
Rimouski, Quebec, Canada ... 448
Ring Seal. See Ringsel
Ringelmann chart, Smoke viewed through: Pittsburgh ill. 129
Ringsel (ship) ... 555, 558; ill. 545
Rink, Skating: Quebec City ... color plate, page 445
Rio Grande (river), U. S.-Mexico ... 642, 783, 802, 814, 818, 823
Rioux, Father Georges Hermel ... 450, 451
Ripley, Dr. Dillon ... 260
Rito de los Frijoles, N. Mex ... 814
Rivanna River, Va ... 8
River of the Valley. *See* Valira, Riu

Page

Riverbend, Quebec, Canada ... 438, 447
Rivers. *See* Allegheny; Monongahela
Rivière au Renard, Quebec ... 449; color plates, pages 459, 460
Rivière du Loup, Quebec ... 448
Rizal Day (Filipino holiday): Honolulu ... 595
Road building: Greece ... 726
Roadhouses, Alaskan ... 506, 519
Roads. *See* Highways and roads
Roanoke River, Va.-N. C ... 149
Robe, Silk brocade, Peiping merchant wears ... color plate, page 351
Robert College, Turkey ... 744
Roberts, J. Baylor
Appalachian Valley Pilgrimage. 18 ills. in color from natural-color photographs by Justin Locke and J. Baylor Roberts. July ... 9–32
Robertson, Ruth ... ill. 658; color plate, page 674
Jungle Journey to the World's Highest Waterfall. By Ruth Robertson. With illustrations from photographs by the author. 13 ills. in black and white, 17 ills. in color, 1 two-thirds-page map, Nov ... 655–690
Roberval, Quebec, Canada ... 447
Robeson Channel, Canada-Greenland ... 569
Rochester, Minn ... 315, 331, 335
Restaurant ... ill. 336
Rochester Carillon ... 335
Rochester Motorcycle Club ... 335
Rock formations. *See* Escalante Land
Rockbridge County, Va ... 24
Rockefeller, John D., Jr ... 724
Rockefeller Center, N. Y ... 603
Rockefeller Foundation ... 363
Rockingham County, Va ... 21, 22, 23; color plate, page 30
Rockport, Mass ... 567
Rockwood plants: Mankato, Minn ... 331
Rocky Mountains, Canada-U. S ... 164, 471, 526, 640, 691
Rodeo, N. Mex ... 103
Rodeo CAA Intermediate Field, N. Mex ... 103
Rodgers, William B ... 123
Ródhos. *See* Rhodes (town and island)
Rogue River, Oreg ... 696, 701, 705
Rogue River Valley ... 691, 704
Rokusun (soybeans) ... 217
Romaine (Cos lettuce) ... 196; color plate, page 197
"Roman beet" ... 187
Roman Catholic Church: Andorra ... 285
Romans (people) ... 848
Vegetables ... 172, 174, 177, 178, 179, 181, 183, 184, 185, 186, 187, 196, 200, 202, 204, 206, 211, 213; color plate, page 186
Rome, Italy ... 24, 174, 181, 198, 730
The Society's New Map of Classical Lands. Text accompanying special map supplement in colors, 1 ill., Dec ... 845–848
Rookery: Bonaventure Island, Quebec ... color plate, page 459
Roosevelt, Franklin D ... 431, 535
Roper River, Arnhem Land ... 775
Rose Cockle Shell ... 60; color plate, page 47
Rose Petal Shells ... 60; color plates, pages 44, 46
Roseau, Minn ... 317
Rosemount Research Center, University of Minnesota ... 315
Roses, Golden, presented to Dr. Grosvenor ... 261; ill. 256
Ross, Betsy ... 539
Ross Sea, Antarctic ... 540
Rouen, France ... 432
Round Black Spanish (radish) ... 213
Round City (platform), Peiping ... 346
Roundup, Reindeer
Lapland ... color plates, pages 110, 111, 114
Northwest Territories, Canada ... ill. 498
Rousseau, Jacques ... 448
Rouyn-Noranda, Quebec, Canada ... 451
Rowden, Bucky ... 693
Rowden, George ... 693
Rowden, Glenna ... 693
Rowell, Ted ... 322
Royal Agricultural College, England ... 177, 183
Royal Australian Air Force ... 756
Royal Australian Navy ... 424
Royal Botanic Gardens, Kew, England ... 217
Royal Hawaiian Band: Honolulu ... 595
Royal Hawaiian Hotel, Honolulu: Bathers ... color plate, page 594
Royal Navy, Greek: Sailor ... color plate, page 735
Royal Stables: Athens: ECA offices on site ... 713
Ruby (rhubarb) ... 191
Ruddy Hill, Cascades, Oreg ... 708; ill. 701
Ruddy Rim Shell. *See* Flesh Marginella
Rue de la Fabrique, Quebec City ... 431, 432
Ruebush, Will H ... 23
Rugs, Oriental: Peiping ... color plate, page 352
Runnymede, England ... 534
Russell-Miller flour mill ... 316
Russian Empire ... 528
Russian Soviet Federated Socialist Republic ... 528

Page

Rutabagas ..... 171, 185; color plate, page 188
Minnesota 315
Ruth's Beauty Shoppe, Taos, N. Mex 783
Ryukyu Islands, Japan 168

S

Sackett, Dick 316
Sacramento, Calif 570
Sacramento Mountains, Tex 98
Sacred animal, bull: Minoan culture 845
Saddleback Mountain, Maine 219, 236
Saguaro cacti: Arizona 106
Saguenay River, Quebec 433, 438, 447, 449, 457
Saimin (drink): Hawaii 578
St. Abdon 454
St. Basile, Quebec, Canada ..... ill. 449
St. Bernard (dog) 547
St. Calixte de Kilkenny 454
St. Charles de Caplan, Quebec 450
St. Cloud, Minn 331
St. Croix (river), Minn.: Logrollers ..... color plate, page 302
St. Francis Cathedral, Santa Fe, N. Mex 790, 824
St. George 735
St. Georges de Windsor, Quebec 452
St. James, Minn 293, 317, 331
St. Jean Port Joli, Quebec 470
St. John, Lake, Quebec 433, 447
St. John the Baptist Day: Montreal, Canada 453
St. Joseph, with Christ Child (statue) 823
St. Lawrence (river), U. S.-Canada ..... 148, 431, 433, 438, 448, 451, 452, 454, 526, 559; ill. 434-435; color plates, pages 440, 456, 457, 466, 468, 469
St. Lawrence, Gulf of, Quebec 449, 471, 526, 559
District ..... color plate, page 480
St. Lawrence Island, Alaska 406
St. Louis, Mo 88, 89, 90
St. Louis Park, Minn 315
St. Louis River, Minn 321
St. Malo, France: Street 432
St. Malo Arsenal, Quebec City 433
St. Marys Hospital, Rochester, Minn 335
St. Maurice River, Trois Rivières, Quebec 452
Saint Nicholas (Áyios Nikólaos), Crete 716
St. Olaf College, Northfield, Minn 336
Choir ..... ill. 333
St. Paul 743, 744
Missionary journeys on maps 845, 847
St. Paul, Minn. ..... 297, 298, 311, 315, 316, 321, 325; ill. 293
Capitol ..... 298; ill. 293; color plate, page 310
International Institute ..... color plate, page 307
Winter-carnival fishing ..... ill. 332; color plate, page 328
St. Paul Dispatch 298
St. Paul Pioneer Press 298
St. Paul Rocks, Azores 615
St. Paul's Day 714
St. Peter, Minn 336
St. Pierre, Ile d'Orléans, Canada ..... color plate, page 456
St. Pierre Street, Quebec City 432
St. Rémi de Tingwick, Quebec 451
St. Tite des Caps, Quebec 433
St. Zotique 454
Ste. Agathe, Quebec 465
Ste. Anne, Mont, Quebec 450
Ste. Anne de Beaupré, Quebec ..... 433; color plate, page 469
Ste. Anne des Monts (town), Quebec 449
Ste. Elizabeth de Warwick, Quebec 452
Ste. Flavie, Quebec 448
Ste. Foy 454
Ste. Luce, Quebec 448
Saipan (island), Marianas 576
Sake (drink): Hawaii 578
"Sakshin" (vein-puncture method for obtaining blood): Arnhem Land 756
Saladin 718
Salem, Mass 161
Salesgirl: Escaldes, Andorra ..... ill. 264
Salisbury, N. C 95
Salon d'Auto: Andorra 262
Salonika (Thessaloníki), Greece 715, 721, 743, 744, 845
Salsify ..... 183; color plate, page 182
Black 183
Spanish 183
Salt Flat CAA Intermediate Field, Tex 98, 102
Salt Lake City, Utah 403
Salton Sea, Calif ..... ill. 104
Salvaging food from *Phoenix*, Aborigines ..... 426; ill. 419
Sampan, Tuna: Hawaii ..... ill. 574, 596
San Acacio (Christian martyr) 823
San Antonio Bay, Tex ..... 651, 653; ill. 654
San Bernardino Mountains, Calif 107
San Francisco, Calif 117, 217, 524, 571, 603
San Geronimo de Taos, N. Mex 783
San Gorgonio Pass, Calif 101, 106, 107
San Ildefonso, N. Mex. ..... color plates, pages 815, 817, 821
San Jacinto Mountains, Calif 107
San Juan River Valley, Utah 403
San Marino 265
San Rafael de Acanán, Venezuela 662, 664, 673

Page

Sancho Panza (fictional character) 264
Sanctuaries, Bird
Federal: Hawaii 602
Water birds: Audubon Society system 641, 642, 651, 654
See also Rookery
Sand
Bar, *Phoenix* sticks on 430
Prehistoric beach: Atlantic Ridge 612, 613
Sangre de Cristo (range), N. Mex 783, 813, 823
Sanguinolaria tellinoides (shell) ..... color plate, page 75
Sanibel Island, Fla ..... 43, 58; ill. 34, 58
Sanskrit 174, 187, 211
Sant Julia, Andorra 267, 289, 290
Santa Barbara, Calif 360
Santa Clara Pueblo, N. Mex 814
Santa Elena, Venezuela 659, 684
Santa Fe, N. Mex. ..... 783, 789, 790, 795, 797, 801, 802, 807, 813, 824, 825, 826, 829, 830; ill. 784, 788, 789; color plates, pages 794, 800, 806, 821
Santa Fe National Forest, N. Mex 829
Santa Fe Trail 780
Santa Monica, Calif.: Beach ..... air view 105
Santa Monica Mountains, Calif ..... 106; air view 105
Santiam Pass, Cascades, Oreg 705
Santo Domingo, West Indies 161
Santos (saintly figures): New Mexico ..... color plate, page 801
São Miguel Island, Azores ..... 618, 635; color plates, pages 626, 628, 629, 631, 634
São Vicente Island, Cape Verde Islands 637, 638
Sappho (poet) 845
Sarcee Indians (Plains tribe) 471
Sardines, Native cat with: Arnhem Land ..... ill. 781
Sardinia (island), Mediterranean 213
Sare, France ..... 415; ill. 414
Sargasso Sea 615, 621, 636
Saronic Gulf (Saronikós Kólpos), Greece 725
Satanellus hallucatus (marsupial) ..... ill. 781
Satsuma-imo (Japanese potato) 168
Sauk Centre, Minn 317, 331
Saul, E. M 322
Sault-au-Matelot Street, Quebec City 432
Savannas (treeless plain): Venezuela 655, 656, 662, 665, 666, 683
Saw, Musical, Eskimo plays ..... color plate, page 518
Saxons (people) 202
Scaife, Sarah Mellon 142
Scale, weighs female patient: Arnhem Land ..... ill. 747
Scallop, White Bush ..... 164; color plate, page 165
Scallops (*Pecten* genus) ..... 33, 37, 40; ill. 84
Scandinavians: Minnesota 298, 317, 322
Scaphella junonia (Junonia shell) ..... color plate, page 43
Scars, Aborigines': Arnhem Land ..... color plates, pages 766, 770-771, 772, 773
Schauf, T/Sgt. F. J ..... ill. 529
Schenectady, N. Y.: Freedom Train ..... ill. 530, 540
Schenley, Mrs. Mary E 144
Schenley Park, Pittsburgh 137
Schermerhorn, Charles 743
Schexnayder, Nick 641
Schmidt, Otto (scientist-sailor) 527
School
Bookmobile visits: Oahu, Hawaii ..... ill. 572
French: Andorra 290
Léros (island), Greece 721
Micmac Indian, Canada ..... ill. 503
School children: Duluth, Minn ..... color plate, page 328
School of Dentistry, University of Minnesota 315
Schoolboys: Chimayo, N. Mex ..... color plate, page 805
Schoolcraft, Henry 302
Schooner, Freight, to Alaska (1896) 505
Schubert, Franz (composer) 713
Schwab, Charles M 142
Science. *See* Research laboratories
Scientists: Woods Hole, Mass 615, 624
Scolymus hispanicus (Spanish salsify) 183
Scoresbysund, Greenland 558
Scorpion Shell ..... 64; ill. 37; color plate, page 68
Scorzonera hispanica (Black salsify) 183
Scotch Bonnet (shell) ..... color plate, page 44
"Scotch" tape, how named 316
Scotchlite, reflective material 315
Scougall, Irene. *See* Burdett-Scougall, Irene
Scraper, Wooden
Micmac woman uses, on hides ..... color plate, page 493
See also Adz
Scraping ice, from Sno-Cat skis ..... ill. 702
Screw Shells ..... 62; color plates, pages 46, 52
Scroll, Illuminated, from British, to Dr. Grosvenor ..... 254; ill. 257
Sculptors: Greece, Ancient 845
Scylla (ancient monster) 847
Sea anemones: Arnhem Land 775
Sea urchin ..... 36; color plate, page 41
Seals: Eskimos hunt ..... 501; ill. 472
Sealskins, Inflated, Eskimos use ..... ill. 559; color plates, pages 484, 401
Sears Roebuck, Honolulu 595
Seattle, Wash 510, 519, 522, 528
Seaweed, eaten 543

Page

Secchi disk, tests sea transparency . . . color plate, page 621
Second Avenue, Fairbanks, Alaska . . . 505, 523; ill. 508
Second Chain of Islands, Tex . . . 651; ill. 653
Seeds, Vegetable . . . 149
Segre (river), Spain . . . 278
Seimchan, R. S. F. S. R . . . 527
Seismic wave: Hawaiian Islands . . . 600
Sekani (Indian tribe) . . . 471
Semicassis gibba (shell) . . . color plate, page 44
undulata . . . color plate, page 55
Seminole (soybeans) . . . 217
Senator-Rouyn Limited, Canada . . . 451
Seppala, Leonhard . . . 519, 522
Setzler, Dr. Frank M. (anthropologist) . . . 261, 750, 752, 753, 755, 756, 757, 780; ill. 776, 778; color plates, pages 760, 761
"Seven churches": Revelation 1:11 . . . 847
"Seven golden cities of Cíbola" . . . 790
Seven Islands, Quebec . . . 526
Seven Top (turnips) . . . 189
Seven Wonders of the Ancient World . . . 847
72nd Reconnaissance Squadron, U. S. Air Force . . . 524
Sevier River, Utah . . . 403
Seward, Alaska . . . 510, 520
Shackleton, Sir Ernest (explorer) . . . 544, 549
SHAEF standard: Freedom Train . . . 541
Shaffer, Earl V . . . 219
Shamans (medicine men)
Eskimo . . . 502–503; ill. 497
Indian, Northern . . . 475, 478
Shanghai, China . . . 341, 367
"Shangri La" (Doris Duke's home), Honolulu . . . 595
Shanhaikwan, China . . . 337
Shank, Bob . . . 90
Shannon Island, Greenland . . . 555
Shantung, China . . . 367, 368
Sharks . . . 616; ill. 612
Shark's Eye (shell) . . . 58; color plate, page 44
Sharp Top (peak), Va . . . 232, 233
Sharpsburg, Pa . . . 135
Shawinigan Falls, Quebec . . . 452
Shawl, Lapp tribal . . . color plate, page 115
Shawnees (Indians) . . . 232
Sheep
Andorra . . . 262, 290; color plate, page 275
New Mexico . . . color plate, page 818
Sheep Airlift in New Guinea. 16 ills. from photographs by Ned Blood, with full legends. Dec 831–844
Sheep Creek (canyon), Utah . . . 370
Sheldon, Bobby . . . 519
Shell collection, in home: Miami Beach . . . ill. 36
Shellfish: Arnhem Land . . . 752
Shells
Dentalium . . . 473
Natives wear: New Guinea . . . ill. 831, 834, 835, 838, 842, 843, 844
Shells Take You Over World Horizons. By Rutherford Platt. With 41 ills. in color from natural-color photographs by the author. 15 ills. in black and white, 1 drawing. July . . . 33–84
Contains the following: Conus, Helicostyla, Liguus, Murex, Patella, Pecten, Pelecypoda, Tellina, Terebra, Thais, Tridacna, Trochus, Voluta.
Egg . . . ill. 39
Growth of . . . 40, 57
Kinds . . . 33
Locations where found . . . 33
Rareness, Criteria of . . . 64, 81
Sizes . . . 33
Shenandoah Caverns, Va . . . 21
Shenandoah County, Va . . . 20
Shenandoah National Park, Va . . . 17, 18, 227, 233; ill. 233; color plates, pages 244, 245, 246
Shenandoah River, Va.-W. Va . . . 8, 17, 20; color plate, page 15
Shenandoah Valley
Appalachian Valley Pilgrimage. By Catherine Bell Palmer. With illustrations from photographs by Justin Locke and J. Baylor Roberts. 9 ills. in black and white, 18 ills. in color, 1 page map, July . . . 1–32
Shepherd: Andorra . . . color plate, page 275
Shepherdson, Mr. and Mrs. Harold . . . 423, 428, 429, 430
Sherbrooke, Quebec, Canada . . . 451
Sherbrooke Street, Montreal . . . 452
Sherburne Pass, Vt . . . 226, 227
Sheridan, Gen. Phil . . . 17, 22
Sheridan, Cape, Canada . . . 525, 568, 569
Shickshock Mountains, Quebec . . . 449
Shield, Crown and: Greece . . . color plate, page 739
Shields, Greek . . . color plate, page 730
Ship, Cruise: Tadoussac, Quebec . . . color plate, page 457
Shippensburg, Pa . . . 1
Shipping: Greece . . . color plate, page 734
Ships
Mainland-bound: Hawaii . . . 573
See also Effie M. Morrissey; Endurance; Northland; Polarbjörn; Quest; Ringsel; Stern-wheelers

Page

Shipshaw dam, Quebec . . . 438
Shoes, Reindeer skin, Man wears: Greenland . . . ill. 544
Shogoin (turnip) . . . 189
Shopp, BeBe (Miss America) . . . 321
Shoppers
Giant Food Store, Wash., D. C . . . ill. 148
Peiping . . . color plates, pages 349, 351, 352, 353, 357
Shops
Andorra . . . 262–263; ill. 263, 264
Chien Men Street, Peiping . . . color plate, page 356
Shovel, Snow: Eskimo . . . 495; color plate, page 484
Shreveport, La . . . 98; air view 96
Shreveport Municipal Airport, La . . . 98; air view 96
Shrimpers (boats): Texas . . . 641, 651; ill. 654
Shrines
Meritxell, Andorra . . . color plate, page 269
New Mexico . . . ill. 813
Ste. Anne de Beaupré, Quebec . . . 433; color plate, page 469
See also Temples
Shubenacadie Indian settlement, Canada . . . 499, 503
Siberia . . . 337, 505, 528, 546, 550, 602
Culture groups . . . 495, 498, 500
Sibiryakov (icebreaker) . . . 527
Sicily (island), Mediterranean . . . 181, 722, 847
Siena, Italy . . . 848
"Sienna," Origin of word . . . 848
Sierra Nevada (mountains), Calif . . . 710
Sieva (beans) . . . 159
Sign
Constitution Square, Athens . . . ill. 714
East Jackson Airport, Miss . . . ill. 87
Hollands Food Shop, Rochester, Minn . . . ill. 336
Traffic, Patrol girl holds: Duluth . . . color plate, page 328
Signatures, of Trustees and Staff on acrostic, Golden Jubilee . . . ill. 259
Signs
Appalachian Trail . . . ill. 224, 230; color plate, page 239
Basque pigeon-netting . . . ill. 413, 415
Burma-Shave: Minneapolis, Minn . . . color plate, page 324
Distress: *Phoenix* . . . 426; ill. 420
Frontier: Andorra . . . color plate, page 270
Honolulu . . . 596
Silas (early Christian) . . . 845
Silver pieces (*duros*) . . . 412
Silver Street, Peiping . . . 349, 367
Silversword (plant): Maui Island, Hawaii . . . color plate, page 607
Simpich, Frederick, Jr.
Because It Rains on Hawaii. By Frederick Simpich, Jr. With 32 ills. in color from natural-color photographs by W. Robert Moore, Stewart Fern, Thomas W. McKnew, and others. 9 ills. in black and white, 1 half-page map, Nov . . . 571–610
Simplon Orient Express . . . 715, 721
Singapore: Cone Shells . . . 63
Sinum perspectivum (shell) . . . color plate, page 44
Sioux (Indians) . . . 291, 321
Sisson, Robert F . . . 616, 618; ill. 221, 224, 225
New Discoveries on the Mid-Atlantic Ridge. 23 ills. in color from natural-color photographs by Robert F. Sisson. Nov . . . 619–634
Skyline Trail (Appalachian Trail) from Maine to Georgia. 16 ills. in color from natural-color photographs by Robert F. Sisson. Aug . . . 237–251
Sister Kenny Institute, Minneapolis . . . 298
Sisters (town), Oreg . . . 705
Skeletons, Dance of the: French Sudan natives . . . ill. 62
Ski party
Quebec, Canada . . . color plates, pages 464, 465
Snow-surveyors: Cascades, Oreg . . . ill. 694
Ski Patrol: Mt. Hood, Oreg . . . 708
Skiers: Crater Lake, Oreg . . . ill. 700
Skimmers (birds): Texas . . . 642, 651, 652
Skins, Animal, hang outside igloo . . . color plate, page 484
Skipper's inspection, *Iowa*, U. S. S. color plate, page 581
Skirts, Ti-leaf, Hula dancers': Waikiki . . . color plate, page 591
Skis, Sno-Cat, Waxing . . . 709; ill. 702
Sklavou, George (Greek composer) . . . 713
Skogmo, Phil . . . 316
Skull, in burial cave: Arnhem Land . . . ill. 778
Skulls, Research on: Greece . . . 724
Skyline Caverns, Va . . . 21
Skyline Drive, Va . . . 18, 227, 233, 246
Skyline Parkway Drive, Duluth, Minn . . . 321, 326
Skyline Trail (Appalachian Trail) from Maine to Georgia. By Andrew H. Brown. With illustrations from photographs by Robert F. Sisson. 15 ills. in black and white, 16 ills. in color, 1 map (two-page spread), Aug . . . 219–251
"Skytel" (air-tourist cabin): East Jackson Airport, Miss . . . ill. 99
Skyway 1 . . . 85
Skyway 1-N . . . 85
Skyway Below the Clouds. By Carl R. Markwith. With illustrations from photographs by Ernest J. Cottrell. 15 ills., 1 map (two-page spread), July 85–108
Slavery, Stoics condemned . . . 724

Page

Slaves (Athapascan Indian tribe) 471
Sled
  Cargo: Slidre Fiord, Ellesmere Island . . . . . ill. 563
  Track-ski-pontoon (Sno-Cats) 691
Sled runners, Icing of: Naskapi Indians . . . color plate, page 480
Sledges: Old Bering Sea people 497
Sleds
  Eskimo . . . . 495, 497, 502; ill. 498; color plates, pages 484, 489
  Indians, Northern . . . . . 474; color plate, page 492
Sleepy Eye, Minn 321
Slickrock Bench, Utah 369
Slidre Fiord, Ellesmere Island . . . . . ill. 563
Slogans, Patriotic: Makronisi island, Greece 711
Smallage (plant) 185
Smart View Park, Va 247
Smelter, Aluminum-ingot: Canada 438
Smith, Bill (Olympic champion) 505
Smith, C. R.: President, AFA 846
Smith, Clark 369
Smith, Capt. Edward H 545, 558
Smith, Glanville 298, 331
Smith, Dr. Robert 87
Smith, T. W., Sr . . . . . 370; ill. 384
Smith, Tom 369, 370, 379, 382, 383, 386
Smith, "Whitehorse" 507
Smithson, Mrs. Evelyn 724
Smithsonian Institution, Wash., D. C. . . . 256, 258, 260, 417, 483, 745, 746, 749, 750, 769, 778
  Exploring Stone Age Arnhem Land. By Charles P. Mountford. With illustrations from photographs by Howell Walker. 14 ills. in black and white, 25 ills. in color, 1 map (two-page spread), Dec 745–782
  Giant Clam Shell . . . . . ill. 83
  Runestone 331
"Smoke sleuths," study clouds: Pittsburgh . . . . . ill. 129
Snails . . . . . 33, 37, 40, 81–82, 84; ill. 61; color plates, pages 41, 42, 72, 75
Snakes
  Appalachian Trail 226
  Arnhem Land: Collection of . . . . . ill. 751
Snickers Gap, Va 226
Sno-Cats Mechanize Oregon Snow Survey. By Andrew H. Brown. With illustrations from photographs by John E. Fletcher. 19 ills., 1 third-page map, Nov 691–710
Snow
  Mauna Kea (volcano), Hawaii . . . color plate, page 604
  Value of: Western states 691, 710
Snow survey
  Sno-Cats Mechanize Oregon Snow Survey. By Andrew H. Brown. With illustrations from photographs by John E. Fletcher. 19 ills., 1 third-page map, Nov 691–710
  Camps . . . . . 701, 703, 704; ill. 697, 699
  Coring tubes . . . . . 695; ill. 694
  Cost of 710
  Forecasts, Water runoff 695, 710
  Hazards 705, 708
  Importance of 710
  Mechanization, Success of 709
  Pole, Steel, marks course 695
  Radio 693, 695, 701, 704
  Scale, Snow-sampling . . . . . 695; ill. 694
  Water content calculation . . . . . 695; ill. 694
  Western cooperation 709–710
Snowballs, Girls parry: Duluth, Minn. color plate, page 326
Snowdrift: Resolute Bay, Cornwallis Island . . . . . ill. 562
Snowhouses
  Eskimo . . . . 489, 495, 501; ill. 472; color plates, pages 484, 485
  Naskapi Indians 478
Snowshoes
  Eskimo 478
  Indians, Northern . . . 478; ill. 474; color plate, page 480
The Society's New Map of Classical Lands. Text accompanying special map supplement in colors, 1 ill., Dec 845–848
Socrates (philosopher) 845
Soda Creek, Oreg 703
Soda Gulch, Utah . . . . . 404; color plate, page 395
Soda Springs, Utah . . . . . 403; color plate, page 396
Sodium fluoride, use in dentistry 315
Sofa-tub, Victorian . . . . . ill. 139
Sofia Boulevard, Athens, Greece 713
Soja max (soybean) . . . . . 217; color plate, page 216
Solanum melongena (eggplant) . . 209; color plate, page 208
  tuberosum (potato) . . . . . 157; color plate, page 156
Soldeu, Andorra 265
Soldiers, Chinese Communist: Peiping . . ill. 338, 364, 368
Somerville, Mass 542
Søndre Strømfjord, Greenland 570
Songs, Aboriginal: Groote Eylandt, Australia 755
Sonora (state), Mexico 108
Sons of the American Revolution . . . . . ill. 542
Soo Line (railroad) 297
Soochow, China 367

Page

Sophoulis, Premier Themistocles 715, 718
Sorbonne, Paris 290
Sorel, Quebec 526
SOS message, *Phoenix*, Natives carry . 420, 426; ill. 429
Soûdhas Kólpos. *See* Suda Bay
Soulle, Germaine 287
Sound, Speed of, through ocean bedrock 614, 617
Sourdough Dance Club, Fairbanks, Alaska . . . color plate, page 513
Sous-le-cap Street, Quebec City 432
South Africa: Shells 60, 63
South America 597, 612, 656, 657
  Vegetables . . . 148, 149, 151, 152, 157, 159, 161, 162, 166, 168, 196; color plates, pages 154, 156, 169
South Bend, Ind 716
South Bird Island, Laguna Madre, Tex 651
South Dakota
  Governor of, Letter from 255
  Snow survey 710
South Fork (river), Va 17
South Goulburn Island, Australia . . . 417, 420, 421, 426; ill. 422
South Goulburn Island mission 420, 421, 422
South Mountain, Md 8
South Pacific: Shells . . . . 33, 63, 64; ill. 82, 83; color plate, page 66
South Pole 549
South Seas: Shells 33, 63, 64
South Sister (mountain), Oreg 703
Southern Curled (mustard) 209
Southern Europe: Cabbages . . . . . color plate, page 175
Southwest Arts and Crafts store, Santa Fe, N. Mex. ill. 789
Sovetskya Gavan, R. S. F. S. R 528
Soviet Arctic 527
Soviet Union. *See* Union of Soviet Socialist Republics
Soybeans . . . . . 217; color plate, page 216
  Minnesota 293
Spain 783, 790, 794, 795, 811, 823, 824
  Vegetables . . 166, 168, 170, 177, 181, 187, 198, 206, 213
  See also Pigeon Netting—Sport of Basques
Spam, where originated 331
Spanish (people) 161, 202
  Food plants 151, 198, 206, 209
Sparta (city-state) 726
Spartans 726, 848
Specht, Ray (botanist) 750, 752, 753, 758, 760, 778
Speedboats: Desert Beach Yacht Club, Calif . . . . . ill. 104
Sperkhiós River, Greece 721, 737, 848
Spinacea oleracea (spinach) . . . . . 204; color plate, page 205
Spinach . . . . . 204; color plate, page 205
Spindle Shell . . . . . color plate, page 70
Spiral, how produced 40
"Spirit of 1776" (locomotive) . . . . . 532; ill. 529, 530, 531
Spitsbergen 555
Split Rock Light, Minn . . . . . color plate, page 303
Spondylus acicularis (oyster) . . . . . color plate, page 50
  aurantium . . . . . color plate, page 50
  croceus . . . . . color plate, page 69
  dominicensis . . . . . color plate, page 50
  ducalis . . . . . color plate, page 50
  japonicus . . . . . color plate, page 50
  princeps . . . . . color plate, page 50
Sponges . . . . . color plate, page 623
Spoonbills, Roseate
  The Pink Birds of Texas. By Paul A. Zahl. With illustrations from photographs by the author, 2 ills. in black and white, 14 ills. in color, Nov . . 641–654
  Beak, Spoon-shaped . . . . . 641; color plate, page 643
  Brooding . . . . . 652; color plate, page 650
  Conservation efforts 642, 654
  Courtship 652
  Description 641, 652
  Eggs . . . . . 642, 645, 650, 652; color plate, page 645
  Flight of 647, 652
  Florida 654
  Food and feeding . . 645, 648, 653; color plate, page 644
  Habitat 641, 643
  Harmful factors 641, 642, 653, 654
  Landing and take-off . . 652; color plates, pages 647, 648
  Lookouts, Bird, above nests . . . color plates, pages 646, 650
  Mass behavior exhibitions . . 652; color plates, page 648
  Mating 652
  Migration habits 652, 653
  Molts 653
  Nests and nesting . . . 642, 652, 653, 654; ill. 653; color plates, pages 644, 645, 650
  Number of 642, 654
  Plumage . . . . 641, 652, 653; color plates, pages 643, 647
  Range 641, 642, 647
  Rarity 642
  Size 641
  Vocal ability 647
  Young . . . . 642, 652–653; ill. 653; color plates, pages 644, 645, 650
Sports and games
  Honolulu 595

Page

Sports and games—(Cont.)
Kutchin Indians ... 476
See also Baseball; Hiking; Swimming; Wrestling
Spotswood, Gov. Alexander ... 21
Spotswood Trail, Va ... 21
Spotted Bull's Eye Shells ... color plate, page 45
Spring, Hiker drinks water from: New Hampshire ... ill. 229
Spring Valley, Minn ... 331
Springfield, Mo ... 87, 88, 89
Springhouse: Singers Glen, Va ... ill. 22
Springs
Hot sulphur: Greece ... 848
Thermal: Escaldes, Andorra ... 267, 278
Sprinkler systems: Hawaii ... 571
Square
Escaldes, Andorra ... ill. 263
Tremat, Andorra ... color plate, page 279
Squash ... 162; color plate, page 163
Acorn ... color plate, page 163
Buttercup ... 162
Cocozelle ... 164; color plate, page 165
Cushaw ... 162; color plate, page 163
Delicious ... 162; color plate, page 163
Golden Summer Crookneck ... color plate, page 165
Straightneck ... color plate, page 165
Hubbard ... 162; color plate, page 163
Japanese Pie ... 162
Marblehead ... 162
Summer (*Cucurbita pepo*) ... 162, 164; color plate, page 165
Crookneck ... 164
Straightneck ... 164
Turks Turban ... 162; color plate, page 163
White Bush Scallop ... 164; color plate, page 165
Winter ... color plate, page 163
Crookneck ... 162
Zucchini ... 164; color plate, page 165
Sredne Kolymsk, R. S. F. S. R. ... 527
Stairway wall: House of Parliament to Tomb of Unknown Soldier, Athens ... color plate, page 730
Stalinsk, R. S. F. S. R. ... 528
Stamp, Minnesota Territorial Centennial ... 336
Stanbridge Station, Quebec, Canada ... 452
Stand, Peddler's: Greece ... color plate, page 729
Stanley, William ... 135
Star Shell ... color plates, pages 44, 46
Starfish ... ill. 36; color plate, page 623
Stars, Bronze, hold savings bonds: Freedom Train ... ill. 540
Stassen, Harold E. ... 298
State article. *See* Minnesota
State School for the Deaf, Faribault, Minn ... 335
Statesmen: Greece, Ancient ... 845
Station, Sheep experiment: Nondugl, New Guinea ... 832
Statuary group, Minnesota State capitol dome ... ill. 293; color plate, page 310
Statue
Hiawatha and Minnehaha ... color plate, page 322
King Kamehameha I ... color plate, page 586
Statues, Religious: New Mexico ... 823, 824
Statuettes, Wooden: New Mexico ... color plate, page 797
Staunton, Va ... 17, 24
Steaks, Hikers eat ... ill. 234
Steam, thaws ground in gold mining: Alaska ... ill. 522
"Steamer Lane," Waikiki Beach ... 595
Stearns County Historical Society ... 331
Steel
Imported: Hawaii ... 575
Pittsburgh ... 91, 117, 120, 130, 131
Steel mills: Pittsburgh ... ill. 126, 129
Steelmaking: Pittsburgh ... ill. 123
Steese Highway, Alaska ... 522
Stefansson, Vilhjalmur (explorer) ... 567
Stenochiton longicymba (Chiton shell) ... color plate, page 54
Stephen Collins Foster Memorial, University of Pittsburgh ... 139, 140; ill. 138
Stephenville, Newfoundland ... 525
Sterling, Prof. Homer E. ... ill. 131
Stern-wheelers (boats): Alaska ... 519; color plate, page 517
Stevens, Ed ... ill. 509
Stevenson, Philo ... 596
Stewart, B. Anthony ... 713
Incredible Andorra. 19 ills. in color from natural-color photographs by B. Anthony Stewart. Aug. 269–284
Minnesota Makes Ideas Pay. 32 ills. in color from natural-color photographs by B. Anthony Stewart, John E. Fletcher, and others. Sept. 209–330
Sthenorytis pernobilis (shell) ... color plate, page 71
Sticks: Arnhem Land, Australia
Aborigine beats time with ... ill. 779
Frame of, superimposed on rock paintings ... ill. 782
Stillwater, Minn.: Logrollers ... color plate, page 302
Stimple, Bert ... 522, 523
Stirling, Matthew W.
Nomads of the Far North. By Matthew W. Stirling. Paintings by W. Langdon Kihn. 13 ills. in black and white, 16 ills. in color, Oct. 471–504
Stirling, Matthew W., and Mrs.: Expedition discoveries described ... 260

Page

Stockmar, Mr. and Mrs. A. H. ... 95
Stockyards, South St. Paul, Minn ... 316
Stoddard, Wesley L. ... 98
Stoics (philosophers) ... 724, 845
Stoke Centre, Quebec ... 452
Stone Age
Arnhem Land ... 745, 759, 780
Expedition (1948–1949) ... 261
Vegetables ... 140, 151, 205
Stone Mountain, Ga ... air view 93
Store, Southwest Arts and Crafts: Santa Fe ... ill. 789
Store Koldewey Island, Greenland ... 555
Storehouses: Australian missions ... 421; ill. 428
Storm, Threatening: Andorra ... color plate, page 274
Storm King Mountain, N. Y. ... 235
Storms, Snow, Sno-Cats in: Oregon ... 695, 699, 700, 701, 703, 704, 708; ill. 701
Storz, William J.
Lapland's Reindeer Roundup. 14 ills. in color from natural-color photographs by Göran Algård and William J. Storz. July ... 109–116
Stosch, Cape, Greenland ... 545, 546, 547, 550
Stoves, Gasoline, Sno-Cat expedition ... 703; ill. 699
Stowell's Evergreen (corn) ... 155
Strabo (geographer) ... 847, 848
Straight (river), Minn ... 330
Strasburg, Va ... 17, 20
Straw, Seed-flax, Uses of ... 292
Streetcar, tours Quebec City ... color plate, page 443
Streptomycin, Technicians test: Elkton, Va ... ill. 7
String games, Aboriginal: Arnhem Land ... 756; ill. 780
Striped Venus Shell ... color plate, page 47
Stroller, Baby, causes excitement: Wahgi Valley, New Guinea ... ill. 840
Strombus auris-dianae aratrum (shell) ... color plate, page 67
gigas ... ill. 35; color plate, page 80
pugilis ... color plate, page 45
rarinus ... ill. 84
Studdert, Jeff ... 519
Student (parsnip variety) ... 183
Student Pilot Certificate ... 85
Students
Art: Pittsburgh, Pa ... ill. 127
Carnegie Tech, Pa ... ill. 131, 141, 142
Mary Baldwin College ... color plate, page 28
University of Pittsburgh ... ill. 124–125, 130, 136
Sturdevant, Gaeton ... 691, 695, 705
Submarine Squadron Four ... 35
Suchow (Tungshan), China ... 341
Suda Bay (Kólpos Soúdhas), Crete ... 716
Suda Island, Greece ... 716
Suez Canal ... 120
Sugar and sugar cane: Hawaii ... 571, 573, 575, 588, 597, 600; ill. 577; color plates, pages 592, 593
"Sugar bag," Aborigines gather: Arnhem Land ... 752
Sugar cane flume: Hawaii ... color plate, page 610
Sugar mill, Bombed: Hawaii ... 602
Sugarloaf (mountain), Maine ... 236
Sullivan, Gen. John ... 183, 200
Sulphur, sprayed on trees: Berryville, Va ... color plate, page 25
Sumerians (people): Mesopotamia ... 150
Summer Palace, Peiping ... 363, 367, 368; ill. 342–343, 365
Summit Avenue, St. Paul, Minn ... 298
Sun Life Building, Montreal ... 452
Sun Valley Farm, Quebec ... color plate, page 465
Sun Yat-sen ... 597
Sundial Shell
Architectonica granulata ... color plate, page 44
maximum ... color plate, page 74
Sung, Books of: Peiping ... 346
Sunglasses, Eskimo wears ... ill. 497
Sunray Shell ... color plate, page 47
Sunrise Shell ... color plate, page 47
Superior, Lake, Canada-U. S. ... 295, 321, 448; color plates, pages 301, 303, 306, 326
Superior, Wis. ... 295
Superior National Forest, Minn ... color plate, page 300
Supply-crates, house sled dogs: Greenland ... ill. 556
Supreme Court, U. S. ... 146
Supreme Court Building, Wash., D. C. ... air view 92
Supreme Headquarters, Allied Expeditionary Force. *See* SHAEF standard
Surfers: Hawaii ... ill. 598
Surgeons City Motorcycle Club ... 335
Suribachi, Mount: Flag, U. S., raised on ... ill. 541
Surinam (Dutch Guiana) ... 194
Surveyors, Snow ... 695, 705, 710; ill. 694
Susquehanna River, U. S. ... 155, 219
Sutherland, Mason
Adobe New Mexico. By Mason Sutherland. With illustrations from photographs by Justin Locke. 18 ills. in black and white, 28 ills. in color, 1 page map, Dec. ... 783–830
Sverdrup, Otto (explorer) ... 567
Swan Lake (guest ranch), N. Mex. ... color plate, page 796
Sweden ... 185

Page

Sweet, O. C.
Busy Fairbanks Sets Alaska's Pace. 11 ills. in color from natural-color photographs by O. C. Sweet. Oct. 511–518
Sweet Anne Hollow, Va. 236
Sweet Siberian (watermelon) 193
Swift Run Gap, Va. 21
Swimming, Eskimo boys: Alaska color plate, page 515
Swinging, Eskimo children ill. 504
Swiss lake dwellers 204, 205
Sydney Zoological Park, Australia 834
Symnel. *See* Squash, White Bush Scallop
Syracuse Lake, Minn. color plate, page 309
Syria 847
Vegetables 177, 204
Syrup, "Maple," from corncobs 291
Szechwan (province), China 367

T

Tabi (Japanese socks): Hawaii 578
Table, Mess, *Atlantis* ill. 613
TACA plane 662; ill. 660
Tacklebuster Lake (Big Lake), Minn. 322
Taconic Range, N. Y. 219
Taconite, Production of iron ore from 295, 296
Tadoussac, Quebec, Canada 438; color plate, page 457
TAE. *See* Greek Air Lines
Tahiti: Auger Shells 62
Tahltan (Indian tribe) 471, 476
Tahoe, Lake, Calif.-Nev. 710
Taishet, R. S. F. S. R. 528
Talyetos, Greece 726
Talent Irrigation District, Oreg. ill. 704
Talpa, N. Mex. ill. 809, 826
Tamarind trees: Arnhem Land 757
Tanana Indians 471
Tanana River, Alaska 517, 519, 522
Tanana Valley, Alaska 506, 522
Tangs, Paintings of: Peiping 346
Tanners Ridge, Va. color plate, page 14
Tannhäuser, Pilgrims' Chorus 24
Tanning, Smoke, caribou hide: Naskapi Indian woman color plate, page 480
Taos, N. Mex. 783, 784, 785, 786, 799, 826, 827; color plates, pages 795, 803
Taos, Rio, N. Mex. 786
"Taos lightning" (liquor) 784
Taos Mountains, N. Mex. color plates, pages 792, 803
Taos Pueblo, N. Mex. 822; color plates, pages, 792, 793
Tapestry Snail, Drawing of ill. 61
Tapp, Phileas (fisherman) 449, 450
Tapp family (French Canadians) 450
Taranto, Gulf of, Italy 848
Tarpaulin, snow shelter, Sno-Cat expedition ill. 697
Tarquin, King 847
Task Force, U. S. Navy-Coast Guard: Arctic regions 569
Tasman, Abel (navigator) 746
Tatalara (aborigine) 753
Tatar (autonomous republic), R. S. F. S. R. 528
Tatar City, Peiping 339, 348, 362, 363, 367
Tatars (tribespeople) 337
Tattooing
Eskimo woman ill. 496
Indians, Northern 476, 478; color plate, page 479
Taylor, R. B. 100
Tea plants, form checkerboard on hill: Azores color plate, page 632
Technician, Microchemistry: Pittsburgh ill. 122
Telephone exchange: Andorra color plate, page 279
Television transmitter, Foshay Tower, Minneapolis ill. 292
Tellen Shells, in card-table top design ill. 84
Tellina albinella (shell) color plate, page 75
lineata color plates, pages 44, 46
magna color plate, page 43
radiata color plate, page 47
similis color plate, page 46
virgata color plate, page 69
vulsella color plate, page 75
Temperate Zones 168, 179
Temple of Agriculture, Peiping 345
Temple of Artemis, Ephesus, Turkey 847
Temple of Heaven, Peiping 338, 341, 362; color plate, page 347
Temple of Ten Thousand Virtues, Peiping 363
Temple of the Great Bell, China 367
Temple of the Olympian Zeus, Athens, Greece color plate, page 732
Temple of the Sleeping Buddha, China 367
Temple of the White Cloud, China 368
Temples
Athens, Greece 713, 724; ill. 714; color plates, pages 728, 732
See also Peiping, China: Shrines
Ten Thousand Islands, Fla. 43
Tennessee 219, 223, 233, 235, 239, 251; ill. 228
Tennessee Valley Authority 251
Tennis shoes, Native dancer wears: French Sudan ill. 62

Page

Tent
Eskimo: Baffin Island, Canada ill. 560
Expedition: Arnhem Land ill. 746
Nylon, Hiker uses ill. 233
Tentacles, *Lima lima* (mollusks) ill. 40
Tents
Sheltered stranded airmen: Labrador ill. 568
Skin-covered, Portable: Eskimos 501
Teosinte 155
Tepees, Conical
Northern Indian 473, 478, 504; color plates, pages 480, 482, 492
Plains Indians 473
Terebellum terebellum (shell) color plate, page 69
Terebra affinis color plate, page 52
caerulescens color plate, page 52
cerithina color plate, page 52
chordata color plate, page 52
cinerea color plate, page 52
cingulifera color plate, page 52
crenulata color plate, page 52
dimidiata color plate, page 52
dislocata color plates, pages 46, 52
flammea 58; color plates, pages 43, 69
hastata color plate, page 52
maculata ill. 37; color plate, page 52
oculata color plate, page 52
robusta color plate, page 52
strigata color plate, page 52
subulata color plate, page 52
consobrina color plate, page 52
triseriata color plate, page 70
variegata color plate, page 52
Terebras. *See* Auger Shells
Terns
Gull Lake, Minn. 316
Texas 651
Terraced hillsides: Andorra 290; ill. 286; color plate, page 284
Terre Haute, Ind. 90
Territorial Capitol, Honolulu 578
Territorial Department of Agriculture, Hawaii 575
Terry, Al color plate, page 305
Testimonial to Gilbert Grosvenor. *See* Acrostic
Tesuque, N. Mex. 797, 802, 814; color plate, page 806
Texans, New Mexico visitors 825–826, 830
Texas 148, 525, 602, 609
Independence 24
The Pink Birds of Texas. By Paul A. Zahl. With illustrations from photographs by the author. 2 ills. in black and white, 14 ills. in color, Nov. 641–654
Skyway 98, 102, 108
Texas City, Tex. 642
Thais (Snail shell) 57, 60
Thais deltoidea color plate, page 47
lapillus color plates, pages 41, 42
Thatman Lake, Canada 291
Theaters: Fairbanks, Alaska 505, 506
Themistocles (Athenian statesman) 845
Theophrastus (Greek naturalist) 185, 187
Thermal baths: Escaldes, Andorra 267, 278
Thermopylae Pass, Greece 715, 721, 737, 848
Thermos (Greek word meaning "hot") 848
Theseion. *See* Hephaesteion
Theseus: Legend of 845
Thessalonians (people) 743
Thessalonians I, II (Bible) 845
Thessaloníki, Macedonia, Greece. *See* Saloníka
Thetford Mines, Quebec 451; ill. 453
Thielsen, Mount, Oreg. 701; ill. 696
Third Avenue, Minneapolis, Minn. ill. 292
Thisman Lake, Canada 291
Thistle, Golden. *See* Salsify, Spanish
Thomas Thomsen's Nose, Greenland 555
Thomlinson, Bob 708
Thompson, Homer A. 724
Thompson Pass, Chugach Mountains, Alaska ill. 506
Thoreau, Henry David (author) 221, 225
Thorny Oyster 61; color plate, page 50
Thorpe, Jim 2
Thrace (region), Greece 715
"Three Blind Mice" (song) 578
Three Seas, Peiping 363
Three Sisters (cliffs), Percé, Canada color plate, page 455
Thucydides 742
Thule (Eskimos) 501
Thule, Greenland 568, 569, 570; ill. 562
Thunderbolt Ski Run, Mass. 241
Thunderhead, Ice-capped (cloud) air view 94
Ti-leaf sliding (sport): Honolulu 595
Ti leaves: Hawaii color plates, pages 591, 609
Tiber River, Italy 848
Tiberius (emperor) 183, 206
Tibet 367
Tibia fusus (shell) color plate, page 70
martinii color plate, page 71
Tichy, Mrs. Marjorie F. color plate, page 801
Tidewater Virginia 17

Page

Tientsin, China 337, 360
Ties, hanging in store: New Mexico ..color plate, page 797
Tiger Cowries (shells) ..... ill. 37
Tiksi, R. S. F. S. R. 527
Tilly Jane Creek, Oreg. 708
Tilt-a-Whirl, manufactured at Faribault, Minn. 335
Timberline Lodge, Mount Hood, Oreg. 708
Timberville, Va.: Apple cannery ..... color plate, page 13
Timmins, Jules R. 448
Tin can, Names kept in: Mount Katahdin, Maine color plate, page 239
Tinian (island), Marianas 581
Tio Vivo (merry-go-round) 795
Tiryns, Greece: Stone galleries ..... 725; ill. 723
Titanium: Quebec (province), Canada 526
Titian (artist) 785
Tivoli, Tex. 651
Tjambul (mythical thunderman) 758
TNT (dynamite), Mid-Atlantic expedition ..... 616, 618; color plates, pages 620, 622

Toads. *See* Bufos
Tobacco
  American, offered aborigines: Arnhem Land 762
  Andorra 266
  Natives cherish: Australia 420, 421, 422, 426
Tobogganing
  Château Frontenac, Quebec ..... color plate, page 444
  Minnesota youngsters ..... color plate, page 329
Toboggans
  Chipewyans ..... color plate, page 492
  Eskimo 495
  Naskapi Indian 478
  Old Bering Sea people 497
Tokens, Aluminum, Eskimos use, for trade ..... ill. 432
Toketee Falls, North Umpqua River, Oreg. ..701; ill. 698
Tokyo, Japan 528
Tokyo Bay: Japanese surrender 541
Tolleknis (knife) 551
Toltecs (Indians) 166
Tomatoes ..... 146, 161; ill. 147; color plate, page 160
Toni Company, St. Paul, Minn. 316
Toni Home Permanent Party, St. Paul ..... color plate, page 325
Tonicia elegans (shell) ..... color plate, page 54
  forbesii ..... color plate, page 54
Tooth decay, Sodium fluoride prevents 315
Tooth Shell 64
Top of the World: The National Geographic Society's New Map of Northlands. Text accompanying special map supplement in colors. Oct. 524–528
Torgilsbu, Greenland ..... ill. 545
Tortillas and coffee, Indians eat: Cochito Pueblo color plate, page 820
Tournahauler: Ewa Plantation, Hawaii ..... color plate, page 592
Towboat: Pittsburgh, Pa. ..... ill. 118
Tower
  Bridge: Quebec ..... color plate, page 468
  Camouflaged: Pigeon netting: Basques ..... ill. 405, 407
  Field cabin: Cascades, Oreg. ..... ill. 692
Trachycardium isocardia (Rose Cockle shell) ..... color plate, page 47
Tractor
  Discharged from LCVP: Ellesmere Island ..... ill. 563
  Hauls Quonset hut parts: Cornwallis Island, Canada ill. 562
Tragopogon porrifolius (salsify) ..183; color plate, page 182
Trail riders, American Forestry Association ..... color plate, page 300
Trailer, Tractor-drawn: Elcho Island, Australia ..ill. 425
Trailside Museums: Palisades Interstate Park, N. Y.-N. J. ..... 226; ill. 218, 220
Training cruise, Midshipmen's ..color plates, pages 580, 581
Trains
  Ore: Minnesota 320
  See also Freedom Train Tours America
Trajan (emperor) 847
Trampas, N. Mex. 823, 828
Trampas-Truchas road, N. Mex. 823
Trans-Caucasus area: Vegetables 150, 179, 196, 198
Transportation, Air
  Skyway Below the Clouds. By Carl R. Markwith. With illustrations from photographs by Ernest J. Cottrell. 15 ills., 1 map (two-page spread), July 85–108
Trappers: Alaska 522
Trapping
  Indians, Northern 478, 503
  See also Pigeon Netting
Treasure Cave Blue Cheese ..... color plate, page 330
Treaty, Hawaiian-U. S. (1898) 571
Treaty of Paris (1763) 433
Treaty of Paris (1783) 529
Tree Snails
  Cuba ..... 82; color plate, page 77
  Florida ..... color plate, page 76
Trees. *See* Aspens; Cottonwood trees; Palms; Pines; Piñon trees; Wattle trees
Tremat, Andorra: Roasting coffee ..color plate, page 279

Page

Tremblant, Mont, Quebec ..... color plate, page 464
Tremblay, Adolphe 438
Tremblay, Jean Louis 450
Tribune (newspaper) 298
Tricolia affinis (shell) ..... color plate, page 72
  tessellata ..... color plate, page 72
Tridacna (marine bivalves) 63–64, 81
Tridacna gigas (shell) ..... 33; ill. 82, 83
  noae ..... color plates, pages 66, 75
Trieste 265, 848
Trikeri, Greece: Costumes of ..... color plate, page 727
Trinity Cape, Quebec 438
Trinity Cathedral (Episcopal), Pittsburgh 140
Trinity Church, Va. 24
Tripoli, Libia 170
Tripolis, Greece 715, 726
Trippe, Juan T. ..... ill. 256, 260
Tripsacum (vegetable) 155
Trisidos tortuosum (shell) ..... color plate, page 70
Tristan da Cunha, Atlantic Ocean 616
Triton (sea god) 64
Triton's Trumpets (shells) ..... 64; ill. 36, 59; color plates, pages 67, 68, 80
Trochus (shell) 64
Trochus aculangulus ..... color plate, page 67
  maculatus ..... color plate, page 74
  niloticus ..... ill. 36; color plate, page 68
Trois Pistoles, Quebec 448
Trois Rivières, Quebec 452
Tromsø, Norway 543, 544, 547
Trophon triangulatus (shell) ..... color plate, page 70
Tropic, Utah ..... 369; ill. 384
Tropic of Cancer 578
Tropics
  American 166
  Shells from 58
  Sweet potatoes 168, 169
Troy (ancient city) 204, 744
Troy, N. Y. 298
Truchas, N. Mex. ..... 823; ill. 810
Truck: Richardson Highway, Alaska ..... ill. 506
"Truck," Derivation of garden term 145
"Truck crops." *See* Vegetables
Trucks
  Thetford Mines, Quebec ..... ill. 453
  U. S. Army: Andorra 266
Truk (islands), Caroline Islands 581
Truman, Harry S ..... ill. 535
  Letter to Dr. Grosvenor 254, 257, 261
Trumpet, Primitive, Aborigine blows: Arnhem Land color plates, pages 770–771
Tsountas, C.: *The Mycenean Age* 725
Tube, Coring: *Atlantis* ..... 611, 617, 636, 637, 638; color plates, pages 619, 623
Tubular Micrometer Company, St. James, Minn. 331
Tucker, Emmitt 691
Tucker, Jasper ..... 691, 700, 703, 705; ill. 697, 702
Tucson, Ariz. 102, 103
Tulip Band Shell ..... ill. 34; color plate, page 45
Tulip Shell (*Fasciolaria tulipa*) ..... color plate, page 45
Tulsa, Okla. 85, 87
Tulsa Municipal Airport 85
Tumalo Creek, Oreg. 705
Tuna fishermen: Hawaii ..... ill. 574, 596
Turbo marmoratus (shell) ..... color plate, page 68
  petholatus ..... ill. 61; color plates, pages 67, 68
  undulatus ..... color plate, page 67
Turkey (country) 528, 847
  Vegetables 177, 194
"Turkey Capital" (Worthington, Minn.) 331
Turkey raising
  Minnesota 331
  Virginia 23
Turkey Trail Lake, Maine 236
Turkey Wings (shells) ..... 60; color plate, page 46
Turkistan 196, 367
Turner Valley, Alberta, Canada 526
Turnip ..... 189; color plate, page 188
Turritella goniostoma (snail) ..... color plate, page 52
  terebra ..... color plates, pages 52, 66
  tigrina ..... color plate, page 52
Turritellas. *See* Screw Shells
Turtle, Green, *Phoenix* crew harpoons ..... 426; ill. 427
Turtle eggs, *Phoenix* crewmen hunt 418
Turtles: Arnhem Land 752
Tutchone (Indian tribe) 476
Tutein, John (artist) 555
Tutein, Peter 555
TVA 134
Twain, Mark 335, 571, 714
Twin Cities, Minn. 292, 297, 316, 331, 336
  See also Minneapolis; St. Paul
Twining, N. Mex. 798
2, 4–D spray 600
Two Harbors, Minn. 295
Tyler, Capt. Carroll L. 807
Tyler, Tex. 98
Typewriter, Howell Walker uses, in cave ..... ill. 777
Tyroler Fjord, Greenland 551

Page

Tzanetatos, Maj. George ..... color plate, page 739
Tzu Hsi (Empress Dowager) 342, 346, 363, 365, 367

U

U-235 (uranium) 807
Udmurt (autonomous republic), R. S. F. S. R 528
Uey-tepui (mountain), Venezuela ..... 665, 666; ill. 660, 661
Ukhta, Karelo-Finnish S. S. R 528
Ukhta, R. S. F. S. R 528
Ulster, Ireland: Immigrants to U. S 2
Umbakumba, Groote Eylandt, Australia ..... 745, 748, 750, 753, 755, 756, 775; ill. 752, 753
Umbonium giganteum (shell) ..... color plate, page 74
vestiarium ..... color plate, page 72
Umbrella
  Count Micard's ..... 551; ill. 546
  Shades shepherd: Andorra ..... color plate, page 275
Umiaks (Eskimo boats) ..... 496, 497; ill. 559; color plates, pages 486, 401
Una (dog) 295
Unakas (mountains), N. C.-Tenn 219
Ungava Bay, Quebec 448
Uniforms, Greek military ..... color plates, pages 730, 731, 735
Uniola ("sea oats") 39
Union Creek, Oreg 696
"Union Jack" airfield: Shreveport, La ..... air view 96
Union of Soviet Socialist Republics 151, 168, 524, 527
  Top of the World: The National Geographic Society's New Map of Northlands. Text accompanying special map supplement in colors. Oct 524-528
  Watermelon beer 193
Unionists, Trade: Greece ..... color plate, page 735
United Air Lines 596
United Fruit Company 600
United Nations 602, 733, 743
  Charter, aboard Freedom Train 529
United Nations International Children's Emergency Fund ..... 743; ill. 725
United States 440, 448, 451, 452, 453, 454, 527, 528, 571, 596, 597, 602, 783, 790, 794, 824, 826
  Aided Greece, against Communism 729, 733
  Airports, Number of 525
  Appalachian Valley Pilgrimage. By Catherine Bell Palmer. With illustrations from photographs by Justin Locke and J. Baylor Roberts. 9 ills. in black and white, 18 ills. in color, 1 page map, July 1-32
  Farthest-north point 322
  Freedom Train Tours America. 16 ills. from photographs, with full legends. Oct 529-542
  Skyline Trail (Appalachian Trail) from Maine to Georgia. By Andrew H. Brown. With illustrations from photographs by Robert F. Sisson. 15 ills. in black and white, 16 ills. in color, 1 map (two-page spread), Aug 219-251
  Skyway Below the Clouds. By Carl R. Markwith. With illustrations from photographs by Ernest J. Cottrell. 15 ills., 1 map (two-page spread), July 85-108
  Vegetables 146, 148, 155, 157, 159, 161, 162, 164, 166, 167, 168, 169, 170, 172, 174, 177, 179, 181, 185, 187, 189, 194, 196, 204, 206, 211, 215, 217
  Weather stations, Northland 525, 556, 567, 568
  See also Minnesota; New Mexico; Oregon; Utah (Escalante Land)
U. S. Air Force 578
  Arctic regions 524-525, 560, 568
U. S. Army 6, 555
  Lieutenant: Greece ..... color plate, page 733
  Uniforms 451
U. S. Army Air Forces: Arctic Search and Rescue section 558
U. S. Army Corps of Engineers 123
U. S. Army Engineers ..... 715, 721; ill. 720
U. S. Army Quartermaster Installation base, Alexandria, Va ..... ill. 530
U. S. Bureau of Land Management 369
U. S. Census Bureau 5
U. S. Coast and Geodetic Survey 256
U. S. Coast Guard 545, 555, 558, 568, 569, 616
U. S. Congress 260, 529, 571, 602
  Act (1926) 18
  Snow-survey program 710
U. S. Department of Agriculture 191
  Division of Irrigation 710
  Plant Industry Station, Beltsville, Md ..... ill. 146, 147
  Soil Conservation Service 691, 710
U. S. Department of State 567
U. S. Department of the Interior 510, 520
  Fish and Wildlife Service 651, 654
U. S. Geological Survey 295, 370
U. S. Government 191, 529
U. S. Information Service Library, Athens, Greece ..... 714; ill. 719
U. S. Marine Barracks, Peiping ..... color plate, page 360

Page

U. S. Marine Corps Museum, Quantico, Va.: Iwo Jima flag 541
U. S. Marines: Freedom Train guard ..... ill. 529, 533, 534, 541
U. S. Military Academy: Colin P. Kelly, 3d, appointment 535
U. S. Military Advisory & Planning Group, Joint: Greece 711
U. S. National Archives: Documents, Freedom Train ..... ill. 542
U. S. National Bureau of Standards 256, 258
U. S. National Museum, Wash., D. C 750
  Shells ..... 33, 39, 64, 81; color plates, pages 68, 71
U. S. Naval Observatory, Wash., D. C 24
U. S. Naval Reserve 580
U. S. Navy 291, 526, 569, 570, 581, 807
  Hydrographic Office 24
U. S. News: Greece 714
U. S. Patent Office 191, 217
U. S. Public Health Service 315, 638
U. S. Regular Navy 580
U. S. Routes. *See* Highways and roads
United States Smelting, Refining and Mining Company 507
U. S. Soil Conservation Service. *See* U. S. Department of Agriculture
United States Steel Corporation 123, 319
U. S. Weather Bureau 525, 567, 568, 569
  See also Weather stations
Univalves (mollusks) ..... 37-38, 81; color plates, pages 41, 45, 73
University of Alaska 507, 523
University of Hawaii, Manoa Valley 595
University of Minnesota 292, 296, 297, 315, 322, 331, 335
  Agricultural schools 322
  Division of Cancer Biology 315
  Duluth Branch 321
  Hormel Institute 331
  Mines Experiment Station 296
  School of Dentistry, Minneapolis ..... 315; ill. 296
University of Montreal 452, 453
University of Nevada 710
University of Pittsburgh ..... 137, 138, 139, 140, 144; ill. 124-125, 136, 138
University of Washington School of Fisheries: Professor ..... ill. 82
Unknown Soldier, Tomb of: Greece 714, 730, 731, 735
Unloading supplies, *Phoenix* ..... ill. 424, 425
Upper Klamath Lake, Oreg 705
Urals (mountains), U. S. S. R 528
Uranium ..... ill. 384
Uruguay 316, 317
Uruyén, Venezuela ..... 655, 656, 658, 659, 662, 666, 672, 688, 689, 690; ill. 663
Uruyén River, Venezuela 657, 672
Uruyén Valley, Venezuela: Airstrip ..... color plate, page 668
Usher, Rollin 369
Utah
  First Motor Sortie into Escalante Land. By Jack Breed. With illustrations from photographs by the author. 6 ills. in black and white, 27 ills. in color, 1 page map, Sept 369-404
  Prehistoric inhabitants 370
  Snow surveys 691, 710
Utah (celery) 185
Utah State Agricultural College 369

V

V-E Day 729
V-J Day 571, 573
Val d'Or, Quebec 451
Valdez, Alaska 506, 519
Valira, Riu (river), Andorra ..... 265, 285; color plate, page 278
Valley of 10,000 Smokes, Alaska: Expedition 256, 260
Valley Pike (U. S. 11) 1, 5, 17, 24
Valleys of Andorra (name for Andorra) 266, 278, 280
Van Diemen Gulf, Arnhem Land 775
Van Horn, Tex 102
Vandalia, Ill 90
Vanport City, Oreg 710
Vargas, Captain-General Diego de 790, 830
Vatican City 265
Vaughan, Lt. Col. Norman D ..... ill. 566
Veator, Clark 386
Vegetables
  Giant Food Store: Washington, D. C ..... ill. 148
  Our Vegetable Travelers. By Victor R. Boswell. Paintings by Else Bostelmann. 5 ills. in black and white, 32 ills. in color, Aug 145-217
    Contents: Acorn Squash, Asparagus, Beets, Boston Marrow Squash, Broccoli, Brussels Sprouts, Cardoon, Carrots, Cauliflower, Celery, Chinese Cabbage, Chinese Mustard, Chives, Cocozelle Squash, Collards, Cowpeas, Cucumbers, Cushaw Squash, Delicious Squash, Eggplant, Endive, Garlic, Globe Artichoke, Golden Summer Crookneck Squash, Golden Summer Straightneck

Page

Vegetables—(Cont.)
Squash, Head Cabbage, Hubbard Squash, Indian Mustard, Kale, Kidney Beans, Kohlrabi, Leeks, Lettuce, Lima Beans, Marblehead Squash, Navy Beans, Okra, Onions, Parsley, Parsnip, Peas, Peppers, Pimiento, Pumpkin, Radishes, Rhubarb, Romaine, Rutabagas, Salsify, Snap Beans, Soybeans, Spinach, Sweet Corn, Sweet Potatoes, Swiss Chard, Tomatoes, Turks Turban Squash, Turnips, Wax Beans, White Bush Scallop Squash, White Potatoes, Zucchini Squash.
Peiping market ..... color plate, page 353
Veillée (evening of song), Quebec 433
Veinticuatros (ants): Venezuela 662
Vendor, Peanut: Peiping ..... color plate, page 352
Venezuela 200
Jungle Journey to the World's Highest Waterfall. By Ruth Robertson. With illustrations from photographs by the author. 13 ills. in black and white, 17 ills. in color, 1 two-thirds-page map, Nov 655–690
Venice, Italy 181, 337
Venizelos, Eleutherios (Cretan diplomat) 716
Venizelos Street, Athens, Greece 713
Venus (Goddess of Beauty) 848
Venus Comb Shell 64
Venus mercenaria (clam) ..... color plate, page 42
Venusia, Italy 848
Verde, Monte, Cape Verde Islands 637
Verguers (administrative agents): Andorra 268
Verkhoyansk, R. S. F. S. R. 527, 528
Vermicularia spirata (shell) ..... color plate, page 46
Vermilion Range, Minn 295
Vermont
Appalachian Trail ..... 226; ill. 227
Freedom Train ..... ill. 538
Vesiekari (ship) 555
VFR (visual flight rules) 85, 102
Via Egnatia (highway), Albania-Greece-Turkey 743
Vichy regime 287
Vicksburg, Miss 98
Victor, Paul (explorer) 526
Victoria (island), N. W. T., Canada 524
Victoria (rhubarb) 191
Vigas (wooden beams) 790, 807
Vigna catjang (cowpeas, bush type) 211
sesquipedalis (asparagus bean) 211
sinensis (cowpeas) ..... 211; color plate, page 210
Villa Rica, Ga 95
Villeneuve, François 433, 438
Vilyuisk, R. S. F. S. R. 527
Vingtune Islands, Galveston Bay, Tex 641, 642, 651
Vinson, Chief Justice Fred M ..... ill. 535
Violet Snail ..... 58, 60; color plate, page 46
Virgin of Meritxell 269
Virginia ..... 1, 5, 8, 17, 21, 24; ill. 6
Appalachian Trail ..... 219, 226, 227, 230, 232–235; ill. 233, 234; color plates, pages 242, 244, 245, 246, 247, 248–249, 250
Appalachian Valley Pilgrimage. By Catherine Bell Palmer. With illustrations from photographs by Justin Locke and J. Baylor Roberts. 9 ills. in black and white, 18 ills. in color, 1 page map, July 1–32
Tidewater 17
Vegetables 157, 161, 168, 183, 189, 194, 198, 206, 211
Virginia, Minn 298, 322
Virginia Assembly 24
Virginia Military Institute, Lexington ..... 24; ill. 6
Visitors
English: Andorra ..... color plate, page 277
From LCVP: Eureka Sound, Canada ..... ill. 563
Visori, Rite of: Andorra 285
Visscher, Dr. M. B 315
Vitamin A 168, 200, 201
Vitamins
Burbot fish: Minnesota 322
Virginia, Manufactured in 23
Vladivostok, R. S. F. S. R. 528
Vodena, Greece. *See* Edhessa
Volcanic activity, California to Canada 703
Volcanoes
Hawaii 575, 578, 601–602
See also Punchbowl
Vólos, Greece 715, 721
Volsella capax (shell) ..... color plate, page 75
modiolus (mussel) ..... color plate, page 42
Voluta fulgetrum (shell) ..... color plate, page 74
lyraeformis ..... color plate, page 73
sclateri ..... color plate, page 73
Volutes (shells) 61–62
costata ..... color plate, page 51
damoni ..... color plate, page 51
daviesi ..... color plate, page 51
delicata ..... color plate, page 51
elliotti ..... color plate, page 51
ericusa ..... color plate, page 51
gailiffi ..... color plate, page 51

Page

Volutes (shells)—(Cont.)
hamillei ..... color plate, page 51
hirasei ..... color plate, page 51
imperialis ..... color plate, page 51
piperita ..... color plate, page 51
ponsonbyi ..... color plate, page 51
prevostiana ..... color plate, page 51
pulchra ..... color plate, page 51
reticulata ..... color plate, page 51
rossiniana ..... color plate, page 51
thatcheri ..... color plate, page 51
vexillum ..... color plate, page 51
Vorkuta, R. S. F. S. R. 528
Vosburgh, Frederick G.
Minnesota Makes Ideas Pay. By Frederick G. Vosburgh. With illustrations from photographs by John E. Fletcher, B. Anthony Stewart, and others. 10 ills. in black and white, 32 ills. in color, 1 map (two-page spread), Sept 291–336

W

Wagon
Meat: Quebec, Canada ..... color plate, page 467
Station: Escalante Expedition, Utah ..... 369, 381, 386; ill. 383, 384, 385; color plates, pages 372, 376, 377, 387, 396
Wagons-Lits (hotel), Peiping 337
Wahgi Valley, New Guinea
Sheep Airlift in New Guinea. 16 ills. from photographs by Ned Blood, with full legends. Dec. 831–844
Wahweap basin, Utah 369
Wahweap Creek, Utah 379
Waianae Mountains, Hawaii 597
Waikiki Beach, Honolulu ..... 578, 595; color plates, pages 584, 585, 591
Waimea Canyon, Kauai Island, Hawaii ..... 601; color plate, page 606
Wainwright, Alaska 510
Wakefield, Va 5
Walchak, Frank ..... ill. 127
Waldo Lake, Oreg 703
Walker, Howell ..... 430, 749–750, 755, 756, 760, 775, 779; ill. 777
Cruise to Stone Age Arnhem Land. By Howell Walker. With illustrations from photographs by the author. 10 ills., 1 half-page map, Sept 417–430
Exploring Stone Age Arnhem Land. 25 ills. in color from natural-color photographs by Howell Walker. Dec 759–774
"Walking stick" (insect): Arnhem Land ..... color plate, page 765
Wallaby, eaten: Australia 428, 430
Wallace, Lew 790
Walls, Adobe: Pilar, N. Mex ..... color plate, page 791
Walrus
Arctic regions 548
Eskimos, need of 481, 489
Walton, Janet ..... color plate, page 14
Wanderer (motor launch) 752, 753, 775
Wapinitia Highway, Oreg 708
War Assets Administration 573
War-torn Greece Looks Ahead. By Maynard Owen Williams. With 21 ills. in color from natural-color photographs by the author and B. Anthony Stewart. 11 ills. in black and white, Dec 711–744
Wardens, Guardian: National Audubon Society 641, 651
Warfare, Mountain: Greece 718
Warm Creek, Utah 379, 386
Warner, Coach Glenn "Pop" 2
Warren, Mrs. Fiske: Shell collection 65, 80
Warren County, Va 17, 20
Warriors: Greece, Ancient 845
Warroad, Minn 322
Warwick, Quebec 451
Waseca, Minn 322, 331, 335
Flies, Anglers', Materials for ..... color plate, page 311
Washington, George 121, 123, 144, 211, 338, 529, 539
Appalachian Valley references 1, 5, 8, 17, 24
Home of 91
Surveys 233
Washington (state) 710
Washington, D. C. ..... 18, 91, 98, 227, 269, 298, 524, 528, 808; air view 92
Freedom Train ..... ill. 531, 535
Giant Food Store ..... ill. 148
Washington, Mount, N. H. ..... 222, 229; color plates, pages 240, 243
Washington and Lee University, Va 24
Washington County, Md 5
Washington Monument, Wash., D. C. 91, 233
Watchman Junction, Oreg ..... 701; ill. 697, 699
Water, Value of, to the West 691, 710
Water hemlock (*Cicuta*) 183
Water lilies: Groote Eylandt, Australia ..... color plate, page 762

Page

Water-orders box: Rogue River Valley ... ill. 704
Water supply
  Croker Island, Australia ... 417
  Fairbanks, Alaska ... 507
  Hawaii ... 571, 597
  Mountain and Pacific States: Source of ... 691
  See also Snow survey
Waterfalls. *See* Angel Falls; Toketee Falls
Watermelon ... 146, 193; color plate, page 192
Waterpocket Fold, Utah ... 404
Watersheds, Mountain and Pacific States 691, 703; ill. 706
Watkins, J. R., Company, Winona, Minn ... 336
Watkins, Virginia ... color plate, page 9
Watkins, William Bell: Portrait ... color plate, page 9
Watson, Mrs. Robert C., Jr ... 258
Wattle trees: Arnhem Land ... color plate, page 774
Wayah Bald, N. C ... 236
Waynesboro, Pa ... 5
Waynesboro, Va ... 17, 21, 24
Weapons. *See* Harpoons
Weather stations
  Arctic regions ... 525, 527
  Canadian-U. S.: Arctic Canada ... 543, 562, 567, 568; ill. 556, 562, 563
  Greenland ... 525; ill. 562
Weaving, Man demonstrates: Santa Fe, N. Mex. ill. 789
Webber, John W ... ill. 221; color plate, page 239
Weddell Sea, Antarctic ... 549
Wedding procession: Talpa, N. Mex ... ill. 809
Wedge Shells. *See* Coquinas Shells
Weeks Field, Fairbanks, Alaska ... 510
Wegener theory, of continental drift ... 612
Welander, Dr. A. D ... ill. 82
Welsh (people) ... 202
Wenberg, Charlie ... 297
West Indies ... 507
  Vegetables ... 157, 159, 162, 166, 168, 169, 202, 206, 211
West Virginia
  Appalachian Valley Pilgrimage. By Catherine Bell Palmer. With illustrations from photographs by Justin Locke and J. Baylor Roberts. 9 ills. in black and white, 18 ills. in color, 1 page map, July ... 1–32
Westall, William (artist) ... 755
Western Hemisphere: Vegetables ... 162
Western Hills, China ... 341, 367
Western Snow Conference (1948), Reno, Nev ... 709–710
Western Union ... 635
Western World: Vegetables ... 209, 214, 217
Westinghouse, George ... 131, 135
Westinghouse Electric Corporation, East Pittsburgh 131; ill. 134
Westinghouse Research Laboratories, East Pittsburgh 135
Westover Air Force Base, Mass ... 525
Wetmore, Dr. Alexander ... 258; ill. 256, 257
Wetmore, Mrs. Alexander ... ill. 260
Whale
  Eskimos cut out gill bone ... ill. 502
Whalers, American: Hawaii ... 580
Wharton, U. S. Consul Clifton R ... 635
Wheaties company ... 291
Whelks, Left-handed (shells) ... 64; ill. 34, 36; color plate, page 45
Whip, Cloth: Pigeon netting ... ill. 405, 408
Whisky Insurrection (1794) ... 1
White Bear Lake, St. Paul, Minn ... ill. 332
White Dagoba, Peiping ... 346; color plates, pages 348, 350
White Horse (Indian dummy): Tesuque, N. Mex. color plate, page 806
White Mountain Guide ... 222
White Mountains, N. H ... 219, 222, 226, 229
White Nile (river), Africa ... 194
White Strassburg (radish) ... 213
Whitefish: Mackenzie River, Canada ... 473
Whitney, Mount, Calif ... 601
Whittier, Alaska ... 520
Whittle, Rev. Dennis ... 18
Whycocomagh (Micmac place name) ... 499
Wi (New Guinea native) ... ill. 843
Wichita, Kans ... 85, 714
Wickiup Reservoir, Oreg ... 703
Wickman, C. E ... 297
Wien, Noel ... 510
Wien Alaska Airlines ... 510
Wig, Student actress dresses: Carnegie Tech ... ill. 141
Wilberforce, Cape, Australia ... 430
"Wild apples," eaten: Arnhem Land ... 766
Wilderness Road, Va ... 219
Wildlife: Far north ... 471, 473, 478, 501, 570
Willamette River, Oreg ... 705
Williams, Maynard Owen ... 744; ill. 723
  War-torn Greece Looks Ahead. By Maynard Owen Williams. With 21 ills. in color from natural-color photographs by the author and B. Anthony Stewart. 11 ills. in black and white, Dec ... 711–744
Willmar, Minn ... 317
Willow Gulch, Utah ... 404

Page

Wilson, Bruce A.
  Busy Fairbanks Sets Alaska's Pace. By Bruce A. Wilson. With 11 ills. in color from natural-color photographs by O. C. Sweet. 8 ills. in black and white, Oct ... 505–523
Wilson, Lloyd B ... 258; ill. 257
Wilson, Woodrow ... 24, 716
Winchelsea Island, Arnhem Land ... 752, 753
Winchester, England ... 17
Winchester, Va ... 17, 22, 29
Wind tunnel: Rosemount Research Center, Minn ... 315
Windigo Pass, Cascades, Oreg ... 703
Windom, Minn ... 292
Window display, Department store: Pittsburgh ... ill. 130
Wine, Red, Man drinks, from *porrón*: Andorra ... color plate, page 276
Wing Shell ... 60; color plates, pages 44, 46
Wink Municipal Airport, Tex ... 98
Winnetka, Ill ... 570
Winnipeg, Canada ... 528
Winona, Minn ... 331, 335
Winston Churchill Street, Athens, Greece ... 713; ill. 718
Winter Carnival, St. Paul, Minn ... 321; ill. 332
  Queens ... color plate, page 311
Winters, Dave ... 510
Wire, Cable, drum, *Atlantis* ... ill. 640
Wisconsin, U. S. S ... 581
Witch hobble berries: Great Smoky Mountains ... color plate, page 247
Wizard Island, Crater Lake, Oreg ... ill. 700
Wok (New Guinea native) ... ill. 841
Wold-Chamberlain Field, Minn ... 297
Wolf, Arctic ... 570
Wolf hunting by plane: Minnesota ... 322; color plate, page 329
Wolfe, Gen. James ... 431, 433, 434, 442
Wollaston Forland, Greenland ... ill. 557
Wolves: Lapland ... 109
Woman
  Aboriginal, having lungs tested: Arnhem Land color plate, page 767
  Grandmother and child, inspect shell ... ill. 34
  Kneels at cross: New Mexico ... ill. 813
  Sits for portrait: Taos, N. Mex ... ill. 786
  Spanish: Andorra shop ... ill. 264
  Takes onions from line: Chimayo, N. Mex ... ill. 811
Women
  Aboriginal: Arnhem Land ... 748, 752, 753, 772; ill. 747; color plates, pages 766, 767
  Andorra ... color plate, page 271
  Cannery workers: Oahu, Hawaii ... ill. 573
  Eskimo: Angmagssalik, Greenland ... ill. 564
  Greek ... 741; color plates, pages 727, 741
  Indian
    Northern ... 474, 482
    Venezuela ... ill. 689; color plates, pages 669, 675
  Lapp ... color plates, pages 112, 113, 115, 116
  Mountaineer: Virginia ... color plates, pages 31, 32
Wood, Col. James ... 17
Woodah, Isle, Australia ... 430
Wood carvings: Quebec ... color plate, page 470
Woods, Dr. Harvey ... 691, 700, 708; ill. 697
Woods Hole, Mass ... 614, 615, 636; color plate, page 620
Woods Hole Oceanographic Institution, Mass.
  New Discoveries on the Mid-Atlantic Ridge. By Maurice Ewing. With illustrations from photographs by Robert F. Sisson. 6 ills. in black and white, 23 ills. in color, 1 half-page map, Nov ... 611–640
Woodstock, Va ... 15, 20, 27
Woolsey, Dick ... 370, 393
Woolworth Building, N. Y ... 310
Work, R. A. (Arch) ... 691, 695, 699, 700, 701, 703, 704, 705, 708, 709, 710; ill. 697, 702
Workman: São Miguel Island, Azores color plate, page 631
World, Geography of: Classical Lands map insets 847, 848
World War I ... 285, 331, 330, 527, 595, 716
World War II ... 6, 23, 291, 292, 295, 331, 540, 551, 721, 831, 844, 848
  Alaska ... 505, 520
  Andorran trade ... 266
  Australia: Fugitives sheltered ... 428
  Azores: Naval base ... 628
  Freedom Train documents ... 529, 535
  Greenland ... 555, 556
  Hawaii ... 576, 580, 596
  Mapping and shipping: Arctic ... 524, 527, 528
  Submarine detection ... 135
  Vegetables, Knowledge of, and production ... 146, 157, 162, 171, 187
Worm Shell ... color plate, page 46
Worthington, Minn ... 317, 331
Worthington Glacier, Alaska ... ill. 506
Wrestling: Kutchin Indians ... 476
Wright brothers ... 85, 91
Wright Field, Dayton, Ohio ... 91
Wright Way
  Skyway Below the Clouds. By Carl R. Markwith. With illustrations from photographs by Ernest J. Cottrell. 15 ills., 1 map (two-page spread), July ... 85–108

Page

Wrist watch, Lapp milkmaid wears..color plate, page 112
Wyckoff, G. Bernard..... 723
Wyoming: Snow survey..... 710

X

Xancus angulatus (shell)..... color plate, page 80
Xenophora conchyliophora (shell)..... color plate, page 43
pallidula..... color plate, page 70
Xerxes (Persian king)..... 721, 848

Y

Yakutat Bay, Alaska..... 471
Yakutsk (autonomous republic), R. S. F. S. R..... 528
Yaliowa (aborigine)..... 753
Yams, Giant: Arnhem Land..... 752
Yawkey Road, Crater Lake National Park..... 699
Yeh-lu Chu-tsai (scholar)..... 368
Yellow River plain, China..... 337
Yellowknife, N. W. T., Canada..... 526
Yellowknife Indians.....471; color plate, page 490
Yellowstone National Park, Wyo.....226, 452
Yenching University, Peiping..... 363
Yenisei (river), R. S. F. S. R.....527, 528
Yirrkala, Arnhem Land....430, 745, 755, 756, 757, 758, 766, 775; ill. 780; color plate, page 759
Mission station.....426, 430, 756, 767

Page

York, Pa.....2, 219
Young America Overseas..... 570
Youngdahl, Gov. Luther..... 208
Yuan Shih-kai (Chinese)..... 345
Yucatán, Islands off..... 168
Yukon, Canada.....526, 527
Yukon River, Alaska-Canada.....471, 473, 510, 517, 519
Yung Lo (Ming emperor)..338, 339, 340, 345, 348, 363, 367

Z

Zahl, Paul A.....ill. 653
The Pink Birds of Texas. By Paul A. Zahl. With illustrations from photographs by the author. 2 ills. in black and white, 14 ills. in color, Nov. 641-654
Zanesville, Ohio: "Y" bridge.....air view 90
Zea mays variety *saccharata* (corn) 155; color plate, page 154
Zeno (founder, Stoic school)..... 724
Zeus (god)..... 724
Statue, Phidias, of..... 847
Zimbelas (disks), Pigeon netting.....ill. 406, 408
Zion National Park, Utah..... 699
Zoological Park, N. Y..... 367
Zozobra (gloom): Santa Fe, N. Mex.....ill. 788

XUM